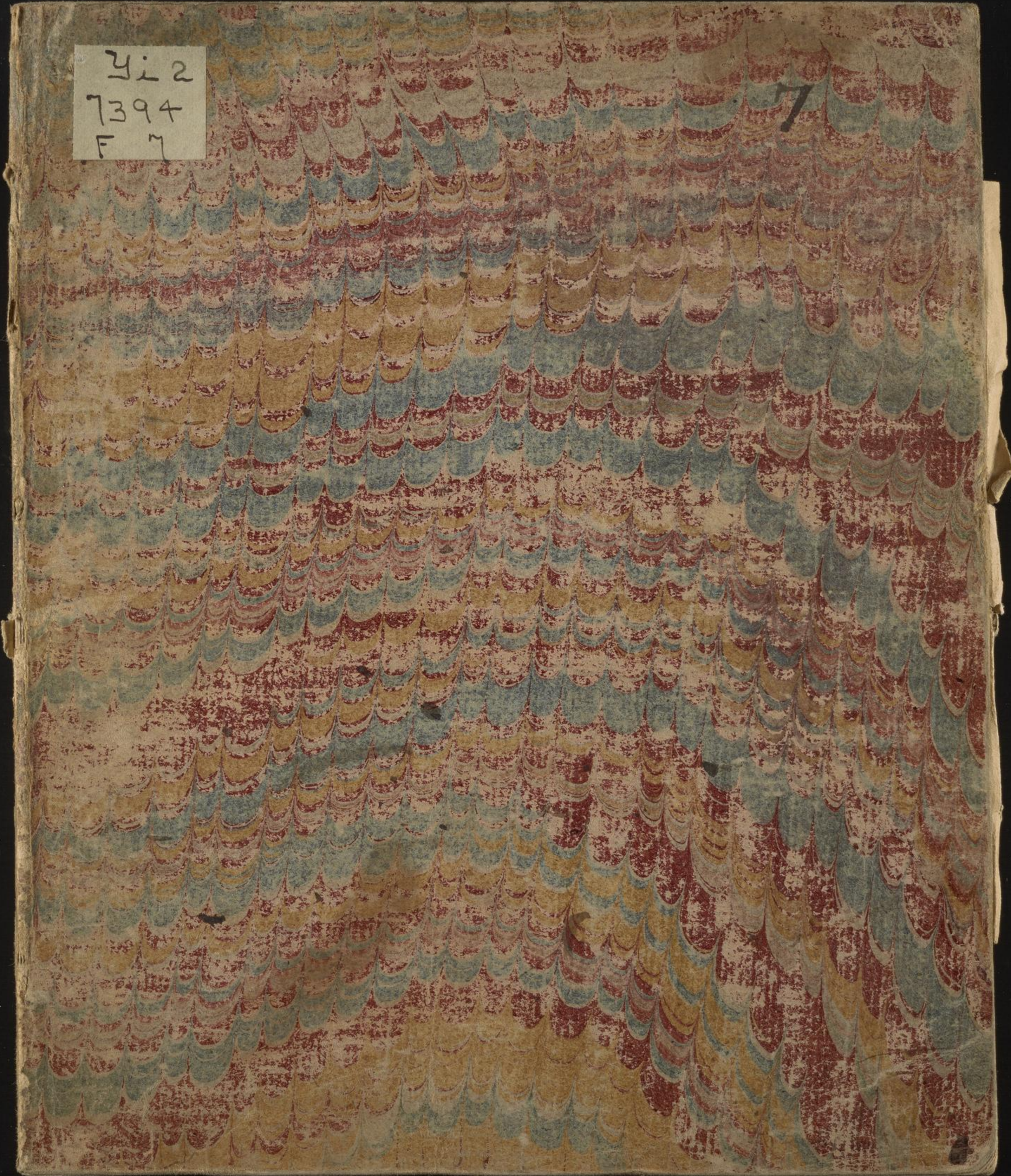
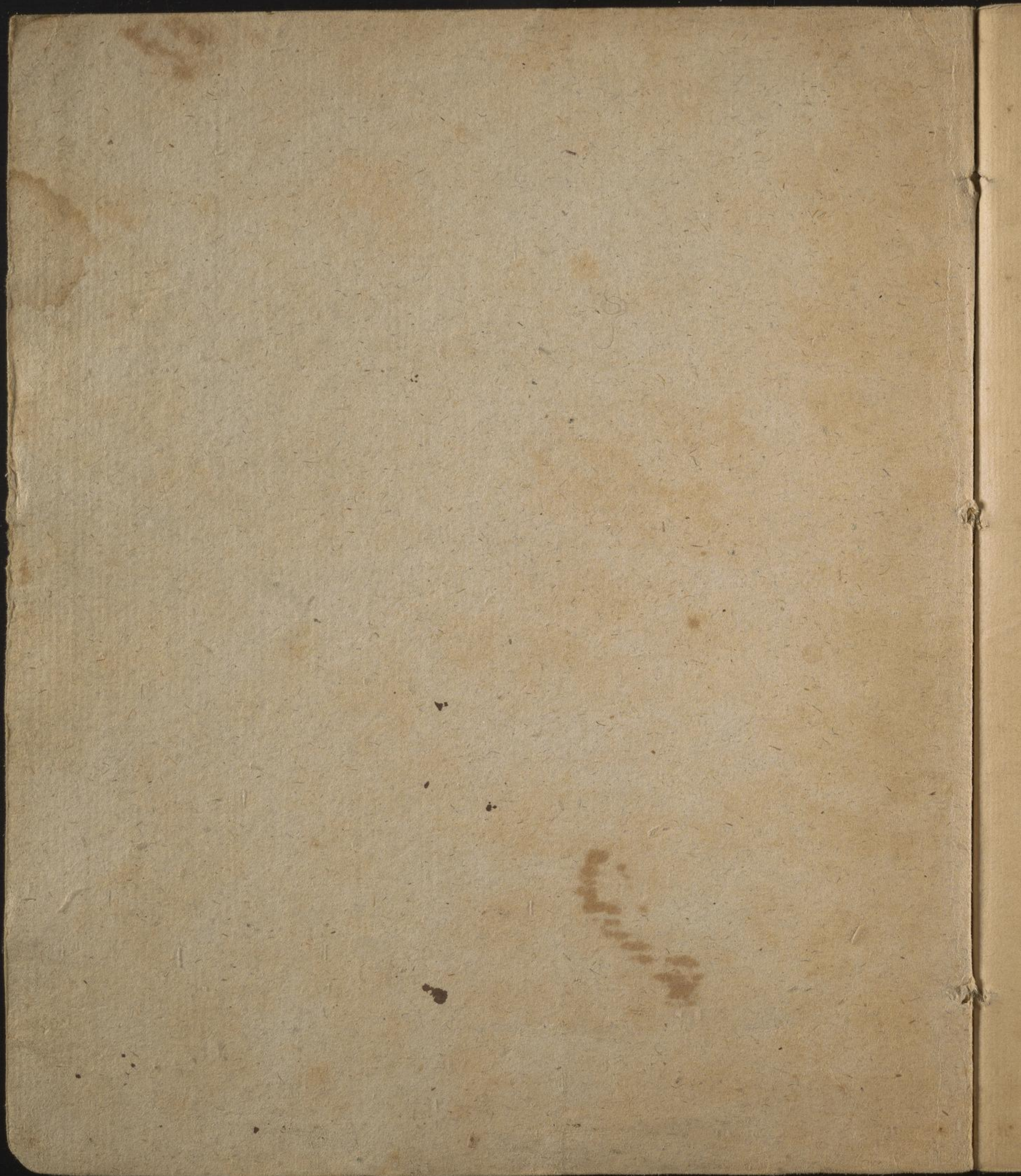


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Gastritis 247 } Both to be introduced  
Enteritis 248 } next year 1804

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+ Hematemesis - piles - wounds &c 294.5

Gout - 296.



V The Stomach is a mystery. It is exposed con-  
stantly <sup>in health</sup> to ill treatment from hot & cold  
aliments - from excess & deficiency of food & from  
poor its bad qualities. In ~~poor~~ <sup>Disease</sup> it suffers  
from by sympathy with every part of the  
body. It is torn by spasms - agitated by  
vomiting - oppressed by nausea - distended  
by air - irritated by bile - & yet it endures  
them all. But there are certain injuries  
which it feels in the most sensible  
manner. These arise from acid matters  
~~such as poisons~~ acting upon it & inducing  
a morbid action of a specific or peculiar  
kind. To these irritants the Stomach submits  
in common with other parts of the body. The  
disease whether it induce simple or violent  
Excitement, or obvious inflam<sup>n</sup> is known  
by the following symptoms -

+ It is ~~more~~ certainly induced by an ~~infectious~~  
~~humour~~ ~~or~~ ~~poison~~ sometimes it appears from a  
critical disposition of matter in the close of a



## Gastritis or Inflamm<sup>n</sup> of the Stomach.

V  
" A fever w<sup>th</sup> slender but tense pulse - pain & burning in the epigastric region - increased by taking any thing into the Stomach - a const<sup>n</sup> vomiting - & hiccough or total absence of all those symptoms. —

\* Two Species.

- 1 Phlegmonodea - " acute pain & high fever
- 2 Erythrematica - " less pain & fever <sup>is ~~not~~ to be</sup> <sup>th</sup> <sup>wi</sup>  
redness in the fauces". — The first seated in the muc. coat - the 2<sup>nd</sup> in the villous coat of the Stomach. —

The first - from <sup>12</sup> internal causes - as acid matter <sup>generated in the body</sup> ~~deposited~~ deposited on the stomach perhaps bile where vitiated may have this effect. — This the case in all highly malignant It is produced by miasmata acting on the stomach persons, especially plague - hence they attack the kidneys & of which usher in ague. Vomiting, & hence Opium so successful bilious fevers & plagues. ~~in these~~ and 2<sup>nd</sup> external causes.

These are poisons of all kinds - a case of Opium producing it after it had cured the Lock Jaw - from Dr Robert. — also cold



an acute or Chronic disease, in which case it is  
called Erithematous Inflamm<sup>n</sup>. - It appears in the  
lamina & often extends thro' the whole Abin<sup>d</sup>. Canal.  
It sometimes terminates in the black vomit. I  
have seen it in gout, & <sup>perhaps</sup> in Pulm<sup>r</sup> Consumption: "intensity"

V is copious, for no viscus ~~suffers~~ <sup>dies</sup> from  
disease ~~sooner~~ <sup>sooner</sup> than the stomach,  
hence probably the reason why V. is <sup>so</sup> ~~more~~  
often ineffectual after the 1<sup>st</sup> day of a yellow  
fever in which the stomach is generally  
inflamed.



When the body was heated. <sup>248</sup>  
Water, a case of this kind <sup>is related</sup> from Limerick. It  
extended to the diaphragm & liver. -

Its Remedies are

1 ~~moderate~~ bleeding. - This should be prompt,

2 Emollient glysters

3 Fomentations to the region of the stomach.

4 A Blister to D: Invaluable -

5 Avoiding irritation from aliment, and  
acid drinks. <sup>and Opium.</sup> Demulcents only proper.

~~Opium~~ improper.

2<sup>d</sup> Spe: Erythematia I have several times  
seen it, - but generally in the last stage of  
chronic diseases - especially Dyspepsy & Ulcer-  
-condriasis - it proved fatal. -

### Enteritis -

"A fever <sup>th</sup> w: with slender but tense pulse - <sup>th</sup> w:  
a pungent pain, abt the navel - Vomiting -  
Obstinate constipation".

The Species - the same as the last.

Its causes - the same, together w <sup>th</sup> Colic.



+ Miss Stoughton's case - Should only used  
in cases of <sup>violent</sup> ~~escape~~ of action - the tempera-  
-ture of the water 50° or 46° below the  
heat of the body - —



Its cure the same - with the addition of Cold  
water. - <sup>+ I have been</sup> applied to the feet - thighs - <sup>thus</sup> or bowels -  
~~this from books & such~~ have never used it.  
 But shall hereafter give reason why I think  
 it rational - & proper. Have never seen this  
 disease but from Colic - once from Dysentery.  
 The patient after 3 bleedings - blood each time  
 very clotted. —

Splenitis — put in from System.  
 — have never seen it. Is Subject to <sup>Obstruction</sup> ~~inflamm.~~  
 but - perhaps never to primary inflamm<sup>n</sup>.

### Nephritis

" Pain in the region of the kidneys - frequent  
 discharge of pale, or high col<sup>d</sup>? Urine - Vomitus  
 colic <sup>or pain</sup> retraction of one of the testicles - <sup>inflamm<sup>n</sup></sup> ~~Stupor~~ <sup>exp<sup>n</sup></sup> of  
 the <sup>leg or thigh</sup> ~~limb~~ of the affected side - ~~Colic~~ fever."

I have found all these symptoms,  
 but none so often as the Colic. Hence the  
 term Nephritis Colic. —

Its <sup>remote</sup> causes are. 1 Contractions from



*[Faint, illegible handwriting in cursive script, likely a letter or journal entry. The text is written in brown ink on aged, yellowed paper.]*



falls on bruises. 2 acid substances taken into  
 the body especially <sup>Leintans.</sup> ~~Cherthamides~~. 3 hardening.  
 4 Calculi. The last the most frequent cause.  
 Shall treat on the cause & cure of these calculi  
 hereafter under the head of Jaundice.

### Cure

- 1 Bleeding. 2 Lenient purges. 3 Glysters -  
 cut as fomentations. 4 Demulcent drinks.
- 5 A recumbent posture - setting up supports  
 the kidneys. - This posture sh<sup>d</sup>. be on  $\frac{L}{R}$  side.
- 6 Opium - after inflam<sup>n</sup>: diathesis subsides.  
 Is cold proper? I sh<sup>d</sup>. suppose so - from its  
 sedative <sup>operation</sup> ~~action~~ in other cases of excess of action.

known by Cystitis state of fever. Is  
 "a pain & swelling ab<sup>t</sup> the ~~reg~~ hypogastric  
 region - frequent & painful discharge of urine,  
 or total obstruction of it - tenebrous  
 fever." ~~This is Dr. Keil's definition.~~

In all the cases I have seen - there was com-  
 -plete Ishuria. - The inflam<sup>n</sup>: was seated



+ I suspect that the substance of the bladder is  
~~not easily~~ <sup>not easily</sup> inflamed, otherwise it would much  
often occur from stones <sup>& those stones</sup> sometimes than from  
= the lodged in the bladder.

In the  
✓ The first case I ever met with  
of this disease ~~was from the~~ I should  
probably have injured, and perhaps  
have ruined my patient had I not  
been assisted by the advice of the late  
Dr Tho' Bond. I had bled him twice,  
The Dr took the cure out of my hands,  
and bled him 4 times afterwards giving  
as a reason for it that no inflammation  
the human body required such copious  
bleeding as this disease. The practice was cor-  
rect, but the reason he gave for it  
was ~~not so~~ <sup>not so, limited</sup> general, for all local inflammation



in the neck of the bladder. Its hardness & swelling were perceptible to the catheter<sup>+</sup>. In one case I saw a discharge of mucus - from the neck of the bladder called "Catarrh of the bladder" described first by Linn<sup>+</sup>? - I shall treat of it hereafter. One peculiarity in this topical inflamm<sup>n</sup> - tho' it affects the arterial system with tension, & imparts hardness to the pulse, yet, the functions of the brain, & even the appetite, are but little affected. Patients sit up - walk about, & except when in pain, are as capable as business as in perfect health. -

The remote Causes - <sup>1 Direct & 2 indirect.</sup> ~~are acid substances~~ <sup>are acid substances</sup> taken inwardly or injected into the Urethra. I have known <sup>two</sup> cases of death from. From Sci: Saturni:

1 in Philad<sup>a</sup> & Edin<sup>2</sup>: under D<sup>r</sup> Cullen. 2 Calculi - moved into action by hand riding. 3 Trinct. of Cantharides. <sup>The principal cause is</sup> 4 Gout. <sup>Chore.</sup> The Remedies for this disease sh<sup>d</sup> be  $\sqrt{\quad}$

1 Bleeding. ~~once 6 times with Broth.~~

Dr Bond's remark. - 2 gentle laxatives.

3 Demulcent drinks. -

4 Cold water to the perineum. useful in Mrs Sop's case. 5 The catheter. 6 Opium.



that are attended w<sup>th</sup> general ~~and~~ inflammation  
action in the pulse, require the same  
copious vs if the seats of them be much  
removed from the general <sup>or great</sup> circulation.  
- The principle applies to Ophthalmia  
Hemorrhoidal fever, & Strangulated  
hernia. &c. Treated by the venipunct &

✓ The pain is ~~the~~ of the most exquisite  
nature. Dr Spence informed me he had once  
known it to produce ~~temporary~~ <sup>transitory</sup> a short  
paroxysm of madness. —

✱ issue of this case, I have since  
followed it, and with the happiest  
effects. Where vs is equal <sup>to the ex-</sup>  
tremities of the disease, no <sup>very no</sup> Catarrh  
of the bladder - no palsy - no <sup>chronic</sup> incon-  
-tinence of Urine ever follow it.

It w<sup>d</sup> be much aided by leeches. I have  
had two cases of it from Gout this winter.  
Col Miles Ann. Eyre - 18p.5 both from Gout  
blood always thick. cured by vs. 1<sup>st</sup> & 2<sup>nd</sup> two.



by the mouth & the 2<sup>nd</sup> applic<sup>n</sup> of Iodine Oil by  
After every thing had failed, I once removed it  
by a strong Dose of Salap. - ~~probably its contag<sup>n</sup>:~~  
~~Removes it removed debility. - for such would:~~  
~~no induce it had been previously used. -~~

Peritonitis - I have never seen - the Metritis  
when we come to the Peripneumal fever. -

There are three other inflamm<sup>ns</sup> partly internal  
& partly external - viz: Odontalgia - Otalgia  
& Hæmorrhoids. -

Odontalgia state of fever,  
mostly

" A pain in the teeth, occurring from the  
causes & in the season of inflamm<sup>n</sup> fevers". -  
now & then from dropsy, & matters irritating  
about ~~that~~ I do not deny the tooth; but coming  
never from ~~other~~ other causes, & in all seasons;  
But these will be treated off hereafter when  
we treat of Chronic Rheumatism, or  
Chronic Rheumatism. -

That the teeth are subject to  
Inflamm<sup>n</sup> I infer from the following



dysury from  
If weakness or Catarrh continue After  
Inflamed Symptoms are subdued the Remedy  
should be Balsamic Lozies - Oil of tar  
was another - useful ʒ<sup>ss</sup> 3 to 6 terdie.

v I have likewise seen a swelling from  
inflam<sup>n</sup>: without any pain in the  
tooth or jaw. —



Considerations. 1 The teeth are provided w<sup>th</sup> arteries  
 w<sup>ch</sup> are principally affected in the all inflam:<sup>n</sup>  
 - I do not deny their having nerves I believe  
 they have, - but it is suff<sup>t</sup> for our purpose to  
 prove that they have ~~nerves~~ <sup>arteries</sup>. - 2 The tooth  
 Ach often occurs, & probably ~~always~~ most  
 frequently the first time in sound teeth. &  
<sup>The first decay</sup>  
~~is~~ <sup>is</sup> generally perceived after a  
<sup>fit</sup>  
 fit of the tooth Ach. I grant I have sometimes  
 seen ~~a~~ decayed tooth where no pain has  
 preceded - probably - from - slow inflam:<sup>n</sup>  
~~or from long standing~~  
 why <sup>should it</sup> not here, as well as in other parts  
 of the body? <sup>the</sup> After decay has once begun,  
 adjoining teeth are affected by the corrosive  
 matter w<sup>ch</sup> issues from the carious teeth. It  
 is so acid, as not only to corrode adjoining  
 teeth - but the silver pivot of an artificia:  
 - al tooth. -

3 The tooth Ach is most frequent in li-  
 - mates w<sup>ch</sup> are most subject to inflam:<sup>n</sup>



✓ It is produced by the alternate action  
of hot & cold liquids. The inhabitants  
of St Kitts alone have the tooth ache  
in the west Indies <sup>for</sup> they alone drink  
cold water. —

~~It is said to pro:  
duce the tooth ache. I believe it, but  
it only by corroding the enamel so  
as to expose the naked tooth, more  
fully to the action of cold & heat.~~



diseases. It is unknown as well as decayed teeth, in ~~many~~ Countries uniformly warm, or in cold Countries where the transitions of heat & cold - are not sudden. ~~There~~ as little of them in Norway - & Russia - as in the <sup>West Indies or the</sup> ~~mid~~ torrid zone. — V

It occurs <sup>chiefly</sup> only in the inflamm<sup>y</sup> periods of human life: even decayed teeth, & all the remote & exciting <sup>causes of in-</sup> ~~that tooth ach~~ <sup>flam<sup>y</sup></sup> seldom produce it in people beyond 36 - or 40. — P

Here then I rest the cause, of not only the inflamm<sup>y</sup>: but ~~even~~ <sup>most of</sup> the decay of the teeth, & ~~all~~ the pains & Distresses which follow <sup>the</sup> decay — of course - I reject Regim<sup>e</sup> - Salt - tea - & even animal food from having <sup>any</sup> ~~the~~ local operation in producing them. ~~They~~ <sup>these last</sup> ~~can~~ act only by their Stimulus, - there-  
-by disposing the system to inflamm<sup>y</sup>: diathesis. That Regim<sup>e</sup> can have no effect in injuring



✓ I ~~do not~~ ~~Unnervic~~ ~~fruit~~ ~~certainly~~  
✓ when the teeth are decayed.  
~~Does~~ It <sup>often</sup> excites pain by its stimulus  
upon the bare nerve of a tooth.



the teeth, I infer from the excellent teeth of the West Indians & negroes, ~~also~~ also of the French people who use so much of it in their diet. — V

The inflamm<sup>n</sup>: tooth ache attacks all ages under 36, but chiefly young people & child<sup>n</sup>:

— It generally affects the double teeth. It comes on w<sup>th</sup> heat & quick pulse — & continues increasing for 3 or 4 days & nights, & then terminates in a swelling of the gum, or whole side of the face. Sometimes it extends to the tonsils, and parotid glands. This swelling soon subsides, but ~~sometimes~~ <sup>now & then</sup> terminates in a abscess — between the tooth & the gum — which gradually decays the tooth — hence it occurs after changes of the weather at all seasons, but especially in the <sup>in the</sup> spring & fall. — There is a peculiarity in its recurrence w<sup>ch</sup> deserves to be attended to.

It sometimes affects — a <sup>round</sup> tooth remote from the affected one — frequently a tooth of the



Dr Lister <sup>tells us he</sup> was subject to the  
tooth ache from indigestion, <sup>& that</sup> half

a glass of brandy cured it by giving  
tone to his stomach. I have known wine & a full meal  
have the same effect. Wm. W. Fowles end says he too is cured  
it by Emetics.

8<sup>th</sup>  
I have seldom seen any applications to the  
face, or the mouth, <sup>do good,</sup> except they excited inflam<sup>ms</sup>  
or blisters. Poultices of flour & ginger, & hot rags  
have sometimes had this effect outside, & raw  
Opium plaster - & mud: ~~and~~ flour.  
spirit within. Also mustard plaster to bech:  
the ears.

g Tobacco - Rad: pyrethri Plumulate  
L deplite.



opposite side of the same jaw, at the same distance from the extreme tooth of the sound side. - It is called by the Sympathetic tooth ache.

### Cure

The common remedy for the tooth ache in all cases is Extraction, but it is <sup>sometimes unsafe</sup> ~~dangerous~~ ~~down~~ - ~~by painful~~ & sometimes impracticable in an inflam<sup>n</sup> of the tooth. Instead of this <sup>remedy for</sup> Blood should be drawn from the gum under the tooth, by means of a lancet. 2 Gentle purges ~~3 or 4 times.~~ <sup>3 or 4 times.</sup> ~~should be given.~~ <sup>a</sup> Blisters should be applied to <sup>by</sup> behind the ear of the affected side. This is an excellent ~~expedient~~ remedy. - nor sh<sup>d</sup>. drawing applications be omitted to the gum. A roasted & opened <sup>internally</sup> ~~fig~~ <sup>fig</sup> ~~is excellent.~~ Opium both ~~in external appli.~~ <sup>externally</sup> & ~~internally~~ <sup>internally</sup> ~~is seldom affords~~ <sup>cordials</sup> ~~much relief - & often increases the pain.~~

- After the pain ceases, ~~with a swelling~~, a gum boil often appears which seldom goes off till it has ended in matter w. cor<sup>ch</sup> - ~~indeed the~~



V But there are other reasons for re-  
commending the extraction of decayed  
teeth. 1 They impair mastication, & thus  
weaken the digestion of the food. 2 They  
accumulate impurities which (if a  
septic nature according to Dr. Whitehall) favor  
the formation of slow fever. But 3:  
they are the inlet of morbid excitement  
into other parts of the System. This will  
be easily believed when we recollect the  
convulsions which are induced into  
the System by a splinter or a needle  
lightly wounding ~~the cuticle~~ a finger  
or toe. In Dr. Cadwell, Dr. Physick, &  
Dr. Bellinger, ~~it is~~ a tooth ache was the  
precursor of the yellow fever, <sup>Dr. Fisher</sup>  
<sup>Budd in 1803.</sup> quotes from Mr. Petit, an obstinate in-  
termittent & a pulmonary Consumption  
of two years standing cured by the extrac-  
tion of decayed teeth. In Miss Climer a  
painful Rheumatism ceased in one



roots of the tooth. When this is the case, ex-  
traction must be used. When a caries <sup>or</sup> ~~appears~~  
gangrene as it might be called appears in a  
tooth - it exposed not only that tooth, but  
the adjoining, & even an opposite tooth to  
inf. pain & decay. There are <sup>3</sup> remedies for it.  
1 To stop it with lead, or gold leaf, or <sup>2</sup> to destroy  
the ~~nerve~~ nerve, or artery if it is denuded  
by the actual cautery or Linct. Cantharidum.  
or 3 to extract it. - the last is to be preferred,

for when it does not excite pain or inflam.  
the acid matter which issues from the caries

often ~~also~~ corrodes the adjoining tooth, or the  
tooth below it if it <sup>be</sup> - the upper jaw. - I

have often seen the extraction of the first  
decayed tooth, prevent for life a return of any  
~~disorder~~ <sup>ease</sup> of the teeth. V

Sometimes this inflam. terminates  
not only in a decay of the tooth, but in an Abscess  
~~in the cavity of the tooth, which~~ <sup>in the cavity of the tooth, which</sup> ~~of the tooth, which~~ <sup>both</sup> produces swelling in the upper & lower  
jaws. In the upper jaw it produces an Ab-  
cess in the Anterior Maxillae. This Abscess



might from the extraction of a tooth. See  
Dr Darwin's 2<sup>nd</sup> Vol: on this Subject. In all  
chronic diseases whether general, or local  
a reference should be had to them. I have lately  
a reference in Eschmann's & others. read it

I have seen Dyspepsia three times cured by the  
same remedy in a lady in this city. The Br of  
Dr Smith of Baltimore has been cured of Epilepsy  
by the extraction of 4 decayed teeth & ones. After-  
wards, by my advice. Dr Seibold of Germany  
cured obstructed menses by extracting decayed teeth.

Dr Darwin mentions a number of cases of vertigo  
Rib: Vol. I.  
It is head ache being induced by <sup>decayed</sup> teeth, & cured  
by their extraction. Dr Spence informed me he  
had seen In all chronic diseases, a reference sh<sup>d</sup>  
be had to them in your prescriptions.

I shall now deliver a few Dissections for obtaining  
good teeth, and preserving them afterwards. Also for  
obtaining substitutes for them when lost.  
Let the milk teeth be extracted

~~when lost~~ as fast as they become loose,  
thereby to enable the second teeth to  
become straight & regular. If the least  
disposition appears in any of them to



into thro' the cheek in both jaws. I have often  
 seen it - especially in the lower jaw. It is  
 always to be expected where there is disposition  
 to swelling after every attack of the tooth  
 Ach. ~~There is~~ It is dangerous. I once saw  
 it fatal. There is but <sup>one</sup> remedy for it. Viz:  
 extraction of the affected tooth. It from  
 the upper jaw - common to thrust a  
 probe ~~into~~ the Antrum - but a dentist  
 of great judgement has declared it unnecessary.

I have never known this remedy fail of  
 success. - It lately directed 8 or 9 with success in  
 a Mr Thomas from South Carolina. Ulcer on the  
 cheek from neglecting it. cured <sup>to be dropped</sup> by Dr. Physick. &  
 preventing this disease is 1 By sleeping <sup>in a</sup> ~~in a~~ <sup>warm</sup> cap. 2 avoiding the sudden  
 application of hot, & cold drinks. 3 washing  
 the mouth every morning in cold  
 water. 4 removing tartar from the  
 roots of the teeth, & 5 Brushing them  
 or washing them after eating, &c



+ John It is not peculiar to the <sup>teeth</sup> to become  
weak by disuse. I have <sup>heard</sup> <sup>up a case</sup> of actual blindness  
from a lower being long kept on one eye for a  
fraudulent purpose. <sup>South.</sup>

+ 1 Opium plaster to the face - combined  
th  
w pepper - ginger - bay - Rosin & Oil.

2 Opium in the tooth - 3 Extraction. 4

D<sup>r</sup> Lottin gill's Specie. —

grow irregularly, let them be kept  
straight, by silver wire, or Drawing the  
adjoining milk teeth before they are  
lost. Crooked teeth, or like deformity in  
other parts of the body, always predisposes  
to disease. They generally decay soon,  
while regular & handsome teeth generally

last are generally lasting: 2 Remove  
a decayed tooth as soon as <sup>it becomes</sup> you are unable

<sup>excessively</sup> painful, or as soon as you are unable  
to chew with it. The teeth <sup>soon</sup> project

from their Sockets & become loose

when not used - hence we observe the  
loss of the teeth of the lower jaw soon  
#



especially before going to bed. —

The <sup>chronic</sup> Rheumatic tooth requires a  
different treatment. to be ment<sup>d</sup> hereafter. —

State of fever  
Stalgia - or Ear ach

"An acute pain in the ear accom<sup>panied</sup> by fever".

This disease most common in childhood.

1. vs.  
Its Cure - is 2 purging - 3 Blister behind  
the ear affected. 4 The <sup>Vapor</sup> ~~Steam~~ of sugar  
burnt on Coals, & rec<sup>d</sup>. thro' a funnel. —  
The Indians cure it by sweet juice of Hicory tree drop<sup>d</sup>  
It sometimes tends to Suppuration.

In this case - emolient cataplasms  
proper - Boiled Onions commonly used.

- After it breaks - detergent injections  
proper - If deadness follows - Remedies to

be ment<sup>d</sup> hereafter. — It might be  
prevented by vs. & the above remedies.

Hemorrhoidal state of fever

This disease is included among the  
hemorrhages by Dr. Cullen - But I



+ I have seen it produce Dysuria & Gonorr.  
- when in "one case. P. H. Miller. D.



See no more propriety for it - than for  
 considering  
~~Conjunctiva~~ Consumption, or Pneumonia  
 hepatitis as hemorrhages,  
 or ~~hemorrhages~~ for both use often follow:

=d or accompanied by an effusion

True it is,  
 of blood. - It is ~~originally~~ a local in-  
 Discharge, but it is often the effect of an affection  
~~of the system~~ but it like others ~~is~~ <sup>is</sup> ~~not~~ <sup>not</sup> ~~treated~~

of the whole system, and where  
 it affects the whole system, it is  
 it is not ~~it~~ <sup>it</sup> ~~fails~~ <sup>fails</sup> of bringing the  
 defined. ~~by~~ <sup>by</sup> ~~the~~ <sup>the</sup> ~~system~~ <sup>system</sup> into sympathy or general fever.

" A heaviness, or pain in the head - Giddi-

=ness - pain in the loins - Weakness of the

Knees - & pain, ~~at~~ <sup>near</sup> about the extremity

of the Rectum with, or without external

swelling - & sometimes followed by an effu-

=sion of serum or blood". +

They are external, & internal. The last blind.

This disease affects adults chiefly of  
 all ages - & women more than men.

Its remote causes are.

1 Costiveness.

2 Acid purges, especially Aloes.



V I have had two violent cases of this  
in ~~the~~ <sup>the</sup> winter 1800.  
For one of them in Still - I was  
called on  $\frac{1}{4}$  3<sup>rd</sup> day. I bled him 3 times,  
but an abscess followed in <sup>the</sup> ~~the~~ confined  
him 3 months, & required an operation.  
To the 2<sup>nd</sup> case I was called on the day of  
Attack. I bled him 12 times to  $\frac{1}{3}$  100 of  
blood. This man recovered in 2 weeks, so  
as to be able to sit on the box of a carriage.  
- He was the Presid<sup>t</sup> Coachman. I believe  
~~that the night he prevented in 9 cases in 10~~  
~~by the same remedy.~~ Mr Stokes -  
+ The Buttermilk is useful. That is best

which is made of the Sap of the tree obtained  
in the Spring. - <sup>the</sup> ~~the~~ <sup>liquid</sup> ~~that shall afford~~  
4 Veget<sup>ible</sup> & no ferment Diet,  
but little food.

5 ~~the~~ Certain Applications to the part  
affected - the first and best of these is  
Cold water. It abates pain & tension,  
and After depleting remedies have been  
used, performs a cure. ~~Warm water~~  
& poultices of bread & milk give relief,  
~~which~~ <sup>which</sup> sh<sup>d</sup> be used when Cold water fails



3 Hard riding, or long standing or walking

4 a sedentary life w. induces constipation

- hence women, & especially during pregnancy

- are most subject to it. - 5 Gout.

Mr. Isard's <sup>case</sup> The predisposing cause - here is  
Obviously debility.

The proximate - excess of action in  
the haemorrhoidal vessels - ~~from~~ <sup>hence</sup> effusive tension  
& effusion. ] -

### Remedies

As the whole system is bro't into sympathy,  
& the head & breast endangered from the  
which action is communicated to ~~the~~ <sup>them</sup>, in all cases  
of great pain - or giddiness - ~~in~~ <sup>the</sup> tense pulse

1 Bleeding should be used, both general & local.  
Local - by leeches - or a caustic - 6 or 8 drops useful.

2 Serenit pills, especially sulphur. Supp.

to have a specific action on the pills. Probably

acts only from its ~~own~~ mildness as ~~its~~ <sup>an</sup>

~~laxative~~ <sup>+</sup> The disease - continues when form-  
-ed even - with diarrhoea.

3 Horizontal posture of the body. ✓

~~Relatives such as cold water~~  
~~or cold water~~ <sup>to moisten</sup> ~~oil~~



of Scurfs. <sup>6th</sup> After the disease is in part  
subdued, or of a moderate nature the  
following stimulating Applications  
have been found useful. 1 warm water.  
2 molasses. 3 The Smoke of leather revived  
thro a close stool upon the part affected.  
An Old Shoe will answer this purpose.  
~~+ also great Vomiting, coldness &c~~  
~~in Physick in the yellow fever.~~  
4 An Ointment composed of equal parts  
of hog lard, and Tar applied to the part.  
5 The Stramonium Ointment - how  
made. 6 An Ointment composed of  
Rhy<sup>g</sup> Stram 3℥o Sac Sat: pulp gall: &c  
Op<sup>ii</sup> ʒi ʒij m<sup>g</sup> ʒiij vis vel ter die.  
7 white lead ʒi Sweet Oil 9℥s felting<sup>g</sup>  
8 a Tobacco leaf. It is recommended  
by the Indians & sh<sup>d</sup> be tried where other  
remedies have failed of Scurfs. The



~~Remedy~~ - common<sup>to</sup> me by a patient  
 who used it <sup>many</sup> years ago, & never had a  
 return of the disease since. I have frequently  
 used it with success. If applied early prevents  
 the complete formation of the disease. -

~~Besides this remedy, there are <sup>some</sup> others~~  
~~which are used~~

~~in acts of sedatives - or by producing in~~  
~~debility - as stimulants & thus overcome morbid~~

- These are 2 The smoke of leather. Old

Arborea.

I have used for this purpose 3 Stramonium.

- The or Jamestown weed - highly narcotic  
 used by the Indians to the temples to procure

sleep according to Rev<sup>d</sup> W. Clayton - To a  
 Cuba pronounced by <sup>by</sup> D. Jones - & a seed  
 in the eye - enlargement of the pupil, & blind:

: was for one week in Mr Bradford - The

usual way of applying it in an instr:  
 made w: hog land. - ~~I have found~~ In the deluge

of the disease, I have used, the follow:

Application to  
 - in success - No Opium - lat: pulv:

Gallies: - Opium & Distilled Stramonium: Every



Disease is an important One, and sh<sup>d</sup>.  
never be treated with neglect. When left  
to itself its usual terminations are 1 dis-  
:tressing, or troublesome bleeding piles. 2  
+ The ~~leaves~~ leaf applied with success by the

~~Indians.~~  
2 ~~Small hemorrhoidal~~ suppurations in the hemi-  
:doids & a discharge of pus from them.  
3 ~~inflammations~~ Inflamm<sup>n</sup> & Ulceration of  
the Rectum - called Fistula in Ano. 4  
Small indurated tumors, which appear  
✓ & <sup>in</sup> one case in mortification. + Fistula  
might be prevented in 9 cases  
out of 10 by U.S. for the blind piles.  
go to p. 3 of N<sup>o</sup> 3.

to be extrusions of the hem<sup>o</sup>:id veins.  
They are internal & external. When in-  
:ternal, they produce difficult stools head-  
ach, & even pul<sup>s</sup> & Convulsions. They  
are only to be removed by ligatures. 5  
~~have known this disease since and~~  
5 prolapsus Ani. 6 mortification.



~~Low diet - consisting of opening vegetables  
as roasted apples - pears - figs &c - and  
Indian meal ~~water~~ gruel - or bread. -~~

~~After the inflam<sup>ing</sup> symptoms are re-  
- moved a <sup>swelling</sup> ~~local~~ continues from debility  
with <sup>out</sup> much pain. Removed by stimulants  
especially Tar in various ways or Sugar of  
lead or white lead mixed with oil. - <sup>Bals: Copaliva by Dr. Gellon. &c.</sup> - ~~balls~~~~

~~because the disease is prevented by avoiding  
all the causes <sup>which</sup> induce it - especially cos-  
-tiveness. - Arthritic piles in Mr. Ford -~~

~~lost on <sup>by</sup> greath & lights - producing bad air,  
& how cured. <sup>as Gray said</sup> They sometimes terminate in  
suppuration - <sup>which</sup> winds in fistula - in hemorrhages  
[With this we finish internal inflam<sup>ing</sup>]~~

~~- we come next to external.~~

Ⓛ All these Disturbing Consequences of this  
state of fever are the Consequences of neglect  
in a patient, or ignorance in a physician.  
- They may all be prevented by us, and  
the remedies I have recommended. - The more  
remote an inflam<sup>ed</sup> part is from the great  
circulation, the more copious should be



own depletion by the lancet. Remember  
the case of the Presidents Coachman.

### Prophylaxis

~~1. Astringent diet.~~ Astringent juices, 2  
vegetable <sup>& liquid</sup> diet. Wheat & Indian meal  
a p. 3. Avoiding all its exciting causes.

✓ Common in the fall when  
bilious fevers prevail - accom-  
panied the Dysentery. See Hawkins  
Voyage 176.



## Ophthalmic state of fever.

"A pain ~~in~~ redness in the eyes - intolerance of light, generally with a plentiful effusion of tears" — It is seated in the <sup>lamella</sup> ~~to~~ Adnata, & in the membranes ~~of the~~ which cover the eye. <sup>It is divided</sup> ~~now called~~ by Dr Cullen into

Idiopathic & Symptomatic

1 <sup>st</sup> Ophthalmia membranacea

"An inflam<sup>n</sup> of the lamella Adnata, & subjacent membranes, or tunics of the eye".

2 Ophthalmia tarsi. — <sup>gelatinous</sup> tumor - exuda-  
tion, & sometimes erosion of the <sup>t</sup>tarsus of the eye lids". —

The 1<sup>st</sup>. Idiopathic are from an affection of the eyes themselves, or a disease of the whole body. —

Its remote causes deserve to be <sup>remembered</sup> <sup>all the usual causes of fever.</sup>  
They are 1, External violence - wounds - slight touches - particles of dust - <sup>from our</sup> sand or iron ad-  
hering to or in the eyes, or inverted hairs. —



✓ weakness - soreness, of blindness in  
One eye universal ~~from~~ at Syene  
from the hot wind which blows across  
the Desert of nubia. Brue much afflic-  
-ted with sore eyes from this cause.

✓ It is supposed to arise from a very  
hot head dress in Grand Cairo - which  
makes <sup>the head</sup> it liable to be affected by the  
night air. I rather suppose - from <sup>prejudicial</sup>  
diathesis of the air in Cairo -  
in an 100 persons whom Volney  
met ~~with~~ in the street 20 were  
blind - 10 wanted an eye - & 20 others  
had their eyes red & purulent - or  
blanched. -

✓ In Surinam from fine particles of  
sea shells <sup>th</sup> which they pass their  
streets being blown into the eyes by the  
wind. In Kenteche from pollen  
of plants in the spring.



or acid vapor as smoke - or effluvia of privies. -

2 The application of light excessive in quantity or

Duration. Hence sitting up at night produces it - also in  
fires - and riding in the snow - even inflames the face.

3 D<sup>o</sup> of heat & moisture - hence Cooks often afflicted  
with sore eyes. V

4 Too much exercise of the eye in viewing small  
Objects.

5 Frequent intoxication, & too stimulating Diet  
as Onions at Grand Cairo. Volney.

6 An acid matter from any cause deposited on  
the sebaceous glands of the eye lids. hence common  
in lunatics. -

7 Sympathy with other parts of the body. -

8 Unusual determination of blood to the head -  
- hence it occurs in some inflammations, and  
frequently at the same time with Angina -

& pneumonia. & according to Dr Husham especially  
in moist cold weather. V

The <sup>general</sup> Remedies must be first treated  
of which suit all - then accor<sup>d</sup> to parti-  
- cular remote causes. -

1 Bleeding. This must be general only when  
the whole system is affected with pyrexia, as  
when it arises from the last remote cause.



1<sup>st</sup> be

✓ ~~in~~ cold water - ~~darkness~~ ~~as~~

After morbid action is reduced the  
Remedies 1<sup>st</sup> be & Stimulating Appli-  
cations. Begin with such as are gentle.  
They are wine & water, spirit & water, -  
Infusions of oak galls - or oak bark -  
per: Bark - opium & galls - viz op: ʒi  
Galls ʒij ag bout ʒii to be dropped in the  
eye. Salt & water - Lead water - vit &  
alb ʒij; Sac lat: ʒiv ag: ʒij - from  
Wm Allen's Recipe - Electricity -

How & then from hair - & dirt -  
how cured - Story of Mildanias Sometimes



But in other cases not necessary - only leeches -  
- cupping - or Scarification of Adnata - or the  
tarsi palpebrarum.

2 purges - especially when it affects the whole  
system.

3 Blisters - to the neck - behind the ears - or to the  
temples. Carous - or light-fries

4 avoiding all its exciting in the first

5 Topical applications - These should be diff<sup>r</sup>  
according to the stage of the disease & violent

Action takes place as it generally does in the  
beginning, sedatives - or debilitating remedies, if -  
defect, or relaxation, they sh<sup>d</sup> be direct stimuli.

[It is of the utmost consequence in this, as  
well as all other Diseases to suit our remedies to  
the stage of the Disorder. From the neglect of this phy-  
sicians disagree in their an<sup>ts</sup> of the same  
Medicine, & the best remedies often fail of producing  
the effects we wish from them. The sedative  
or insipid. applications are 1 Cold - water

best of Lead water. Perhaps this often acts by  
its insipid. But in a practice - how made? -  
2 The direct applications are



from other diseases as <sup>or Periphallia</sup> Lues - based.  
It sh<sup>d</sup> be used in the former & the  
remedies for Periphallia in the latter.  
Sometimes from acid humor in  
the eye - base distilling from the eye  
lids on the eyes - here Deculents as  
Greece seed mixed in water, or <sup>with</sup> ~~or~~  
of Sassafras - If these fail Laps: Cal.  
& fresh Butter each equal parts. -

If from morbid determination to  
the head - fetors or issues. -

These external remedies should  
all be aided by Bark steel & Opium.  
Or Camphell used it by a few pills  
of Opium after every other medicine  
had been used without effect.



~~small portions~~ of metallic astringents. R. Vit.  
 Alb: Zi Lac: Saturni Fir Ag: pur: Si: - Inf:-  
 Also veg: D<sup>o</sup> as Infus: Lp: - or white oak bark  
 or leaves - The last much used & recommended  
 in Sweden - ~~loading~~ wine - brandy - Salt &  
<sup>solution of opium</sup> ~~from D<sup>o</sup> & the~~ Vapor -  
 water - & Electricity - the last direct or indirect  
 according to its ~~the~~ strength or dose. — 3 Demulcents  
<sup>bruised &</sup>  
 as Quince seeds infused in water - Calamine  
 ointment -

5 Avoiding irritation - as light by a dark  
<sup>or rubbing w<sup>th</sup> each to it</sup> -  
 room - & green silk - hickory fire - spirituous &  
 visous liquors - if produced by them.

6 Removing foreign matters if occasioned by  
 them. iron by loadstone - Story of Hildanus, or  
 by Needle - sand or dirt by eye stone - or basin  
 of water. — hair by plucking it out.

7 If from general relaxation - Bark - &  
 Opium - both diffusable - the last most,  
 so commended by Dr Campbell of Lancaster  
 after all other remedies had failed.

8 - If from an affection of another part of







the body, to cure the diseased part - & if from  
 another disease as <sup>Intermittent fever</sup> mias, or Syphilis, to  
 cure them. —

G & H from habitual Determination of  
 acid humors, by - seton - or issue - Sh? never  
 be tried, till all other remedies are exhausted.  
 go to 32 / of No 1 —

Phlogosis - or external inflamm<sup>n</sup>:

" Redness - heat & tension of an external  
 part of the body, with fever."

Two Species.

1 Phlegmone - "a vivid red circumscribed  
 tumor - elevated above the skin, attended  
 frequently w<sup>th</sup> pulsation, & often terminating  
 in Abscess."

2 Erythema - "a red inflamm<sup>n</sup> yielding to  
 pressure - creeping - & irregular - scarce  
 any tumor - a burning pain & terminating  
 in scales - blisters or pustules". —







The first extends to the cellular substance & hence such effusions take place as produce pus, - the other ~~affects~~ extends only to the sero mucosum - hence only skin is separated.

The first varies in its seat<sup>2</sup> & form<sup>1</sup>, & require <sup>all its varieties</sup> different treatment.

we shall begin w common phlegmon ~~sup~~ supposing it to be placed in any part of the body.

- If it brings the whole system into sympathy  
1 Bleeding & purges, & 3<sup>d</sup> - low diet necessary.

The ~~cur~~ cure depends chiefly on external applications. From the Scurfs of cold water to inflame<sup>d</sup> sore <sup>arm</sup> in inflammation, I <sup>highly</sup> ~~begin~~ <sup>am safe in</sup> recommend: 1<sup>st</sup> Cold water. 2<sup>nd</sup> Lead

water - perhaps it acts chiefly by its coldness. - whoever wishes for more on this subject may consult Highy on heat.  
~~3<sup>d</sup> & 4<sup>th</sup> treatment~~  
If ~~there is~~ to abate pain from tension, Oil may be applied - Evolvent poultices



✓ All phlegmons terminate in resolution -

- Abscess - Gangrene or Sphacelus. - If we  
fail of obtaining resolution, via



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give case <sup>only</sup> in this way. ~~If this fails~~ - and a  
tendency appears to suppuration - Applications  
sh<sup>d</sup> be used w<sup>ch</sup> stimulate by heat - or ~~some~~ some  
active quality residing in them. These are  
emolient Cataplasms, such as bread ~~smooth~~ -  
flaxseed bruised - white lily root - mullows &c -  
boiled in milk; ~~the oil or land~~ - on aq<sup>2</sup> of the  
tendency of the heat of the skin <sup>oil or land sh<sup>d</sup> be added to them</sup> to harden it.  
If this fails - ~~more~~ 2<sup>nd</sup> active stimulants  
as lye poultice - Sometimes by attenuating  
it disperses inflammations - Other stimulants  
do the same - as Opium ~~sh<sup>d</sup> be~~ mixed w<sup>th</sup> Camph<sup>r</sup>  
or vinegar, or Sal ammoniac, or lastly ~~I~~ Gal  
ointment. ~~When~~ When Abscess universally soft  
it should be opened - either 1<sup>st</sup> by <sup>lancet, or</sup> ~~puncture~~ of  
~~less~~ 2 caustic, or 3. flour - honey, & an egg.

### Gangrene

" A livid color of the part after inflamm<sup>n</sup>  
soft - not very sensible, with ichorous vesicles."

#### Remedies

Deep Scarifications round the affected part.



v politics - especially the fermenting  
ones.



Stimulating applications of Baths - and Trapsom-  
 time ~~phlogistic~~ ointment. Bark not always  
 proper - if phlogistic diathesis continues in the  
 whole system. Gangrene of the toes - cured by  
 opium by Mr Pott - would probably succeed equal-  
 ly well in ~~the~~ ~~foot~~ mortification which occurs in  
 the toes & feet in hospital, or jail fever. - If  
 the whole system partakes of debility - Bark &  
 Wine in liberal quantities. -

### Sphacelus

" a part becoming black after gangrene -  
 insensible - no heat - or sensibility - easily torn -  
 with a disposition to spread" -

Remedies. - as before with -  
 Bark - wine, & if a limb - amputation  
 - ~~For the~~ our time will not permit us to treat  
 on them all - see practical writers - phymosis -  
 inflamm<sup>n</sup> of the breast hereafter. - many others will  
 come in under cutaneous diseases.



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~~Arthrosis~~ Paronychia

Inflamm<sup>n</sup> of the paronychia, of the extremity of the finger.

Cure ~~deep incision~~<sup>1st</sup> holding the finger in boiling water or Vinegar. Acts as a sedative - or indirect stimulus

2 deep incision - 3 excision. -

Arthrosis.

"Large painful <sup>indolent</sup> tumor with many openings but little discharge - <sup>occurring</sup> ~~scattered~~ in all parts of the body, but most frequently in the back". I have seen them ~~in~~ on the limbs - & once on the forehead. - Two cases in Philad<sup>a</sup> in 1790 in persons <sup>Cure</sup> above go - both of whom recovered. -

Back - ~~young~~ <sup>young</sup> mild pruritus at first & Afterwards detergent ointment of w<sup>th</sup> turpentine should be the basis. -



X Uncommon coldness complained of  
by a patient blown up, & burnt  
all over, by <sup>a</sup> gunpowder mill being blown  
up near Germantown 1792 - he  
died.



Erythematous inflammations -

Burns +

If general inflam<sup>n</sup>: Bleeding - laxatives & low diet,  
But its cure will depend chiefly on topical applications

These are ~~to~~: Such things as restrain or compose excess  
of action - They are 1 preparations of lead in water.

Sol: Sac: Saturni: - a compound medicine of  
<sup>my constant remedy.</sup> cold - & the lead - 2 Rum. 3 Holding the part <sup>to the fire</sup>, both  
prevent blistering - and inflam<sup>n</sup>: - <sup>win</sup> - ~~they~~ How  
do they act? as indirect sedatives by excup of

Stimulus - as they are painful will seldom  
be submitted to by the patient. - ~~By~~ Sedative oint-  
ments composed of Stramonium - Lead,  
or Copper in the form of Oedigrease. - Heating

Poultices - &c sh<sup>d</sup> be avoided - Dr Mayoe's remedy of  
Lime & oil - failed in <sup>Thomas</sup> hospital. Succeeded in for:  
Donaldson's family. - Inflam<sup>n</sup>: from Cold

Excup of cold by its sedative operation produces  
Gangrene. - Inferior degrees produce debility  
- and inflam<sup>n</sup>: generally after heat begins  
to act on the part affected. no pain in a  
limb till we come to the fire. The <sup>Canadians</sup>



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2

6



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avoid it on this acc<sup>t</sup>: - The increased action of the  
Vessels from the stimulus of the heat, produces disten-  
-sion & hence the pain. Shall hereafter treat of  
the method of guarding ag<sup>t</sup> cold - now only of  
the Cure of the effects of it. - When physician called  
the first thing to be done is to avoid fire; - ~~For~~ <sup>Altho</sup>  
the excitement is absent - excitability great, so that  
moderate heat becomes a stimulus so great as  
to endanger the destruction of the vessels by produ-  
-cing indirect debility. - If the limb, or part is <sup>be</sup>  
frozen - Snow - powdered ice - or ~~what is better~~ <sup>cold water</sup>  
according to the degree of cold to which the body has  
been exposed, may be used - for those bodies tho  
cold to a healthy limb, are warm to a frozen  
limb whose heat is below  $\frac{1}{4}$  of the Snow - ice, or  
cold water - & hence they become ~~good~~ <sup>gentle</sup> stimuli  
to ~~the~~ it, but so gentle, as not to endanger the  
destruction of the vessels. After these applications  
frictions sh<sup>d</sup> be used - but very gentle - or  
we endanger the part. - If gangrene or  
Spaculus comes on the remedies as above.



chills -  
V them in his clasp of pyrexia. Heat - thirst -  
& a quick & frequent pulse generally attend them.



Hæmorrhages. I am <sup>not</sup> singular in placing them among the states of fever. Cullen includes ✓  
 In order to understand the nature of these diseases I shall deliver a few general propositions.

- 1 From various causes the system is liable to an excessive quantity of blood - called plethora
- 2 This plethora depends upon the balance <sup>being</sup> destroyed between fluids & solids, from excess of ingesta above excreta, ~~and~~ and a deficiency of strength in the solids, <sup>th</sup> which makes them yield to extension. —
- 3 From peculiar circumstances of local <sup>— growth — or a</sup> cepation of it - of weakness, or bad conformation, this plethora is determined more ~~than~~ to one part of the body than <sup>to</sup> another. —
- 4 From the greater facility <sup>th</sup> in w. ~~the~~ the Arteries yield to pressure in one part of life & the veins in ~~the~~ another, hæmorrhages are said to be Arterial, or Venous - The first occurs in early life before 35, or 36 - the



Veins  
v. ~~Arteries~~ are strongest in early -  
the arteries - in the decline of life.  
[with a single exception to be  
I reject the terms, altogether for I  
~~may happen to be~~ ~~perhaps it would be better to~~  
deny the existence of a papular hemorrhage. I  
divide them into tensive and atonic  
or of strong, & weak action -  
hemorrhages - Analogous to inflammation  
& typhus fevers - <sup>in both rapid or less rapid</sup> they may be  
action takes place  
divided further into acute, and  
chronic. The acute occurs in fevers  
of great excessive action - the chronic  
occurs in slow fevers, as in pneumonia.  
micula - &c. -

The pulse distinguishes the  
two states.

There is further a discharge  
of blood from trifling wounds  
without fever. I have never



Venous after 35 or 36. - The structure of the  
 veins & arteries in these periods <sup>is very diff.</sup> ~~from~~ <sup>for</sup>  
 according to Dr ~~Wintringham~~ <sup>hemorrhage</sup>. - The arterial ~~case~~ appear  
 in the nose - and lungs - the venous ~~in~~ the  
 hemorrhoidal vessels - Vena portarum - &  
 Both appear in the hemorrhagia uterina.  
~~brain~~ <sup>Brain</sup> Young persons <sup>are</sup> most subject  
 to bleeding at the nose & lungs - & persons  
 between 35 or 36 to piles - Malina - & palsy  
 or apoplexy. Both of ~~the~~ <sup>from hemorrhage</sup> will appear here:  
 - after occur ~~in the~~ <sup>in the</sup> brain. ~~go to p. 383~~

Dr Stahl has divided hemorrhages  
 into active & passive - [There is a found: for  
 the distinction. The first are accomp<sup>d</sup> with  
 excess of action - the last are without it, or  
 with a defect of action - They are mere effusions  
 of blood ~~with~~ from luxury, or erosion of a vessel,  
 & ~~from~~ The first are generally arterial,  
 the 2<sup>nd</sup> <sup>from a plethora</sup> venous. ~~go to p. 383~~ <sup>from</sup> The first are the only  
 subjects before us. They belong to the  
 class of Pyrexia. The last should have



met with an <sup>ancient or European</sup> ~~ancient~~ <sup>ancient or European</sup> of it in any  
of the <sup>ancient or European</sup> records of medicine, but  
I have met with 30 head of  
a 4<sup>th</sup> family being subject to it  
in this country. — I thus proved  
fatal in two of those families  
in several instances. — It is to  
~~common~~ <sup>common</sup> hemorrhages, what <sup>those</sup> ~~petechial~~ <sup>petechial</sup>  
<sup>are to malignant fevers, which</sup>  
I have included in the symptoms  
of the <sup>petechial</sup> ~~intermittent~~ state of fever.  
They occur without the least  
change in the state of the Arterial  
System. They may be called papine he-  
morrhages. Dr Otto has furnished the word



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been <sup>arranged</sup> ~~placed~~ under the class of fluxes to be considered hereafter. — Here a digression. I have mentioned the different states of the system from arterial & venous plethora — also ~~that~~ <sup>from each of these</sup> ~~the~~ from growth — or the cessation of it. — diff<sup>r</sup> diseases arise in diff<sup>r</sup> stages of human life. — It is important to know them as they are not included in any of our nosologies of phy-  
=sic. —

1 In Childhood — from <sup>the overproportion</sup> ~~determination~~ of ~~blood~~ <sup>the</sup> rise & growth of the brain — above other parts of the body, we have not only bleeding at the nose, but <sup>several diseases</sup> ~~protrusions~~ from cups of blood in the brain, as large mucous secretion from the nose — running from the ears — or swellings behind them — or scabby head — or large dropsy of the brain. This determination produces diseases near the brain — hence Child<sup>ren</sup> are most subject to diseases of the throat, as scrophulous or glandular swellings — & <sup>Angina</sup> ~~Cyanotic~~ ~~variegated~~ tracheitis — perhaps the contagion of Angina maligna, & Parulitis, may ~~be~~ determined by the



with the first Au<sup>t</sup> of them in the New York  
and: Repository. Go to p: 283 (x)



same cause more to the throat, than to any other part of the body.

2 In Puberty there is a new determination of blood to the genital organs - hence not only a great change in the Voice & face, but several <sup>take place</sup> unusual & disagreeable complaints - particularly, pains in the knees, hips - and other joints, <sup>also in the breast</sup> called growing pains, & by some supposed to be rheumatic - hence also swellings in the ~~glands~~ sympathetic glands, especially of the groins - and lastly change in the appetite - ~~old~~ new foods relished, & old ones rejected <sup>at this time of life</sup> - owing to dispeptic state of the stomach. — In particular meat is more relished than formerly, & unwisely by nature.

3 In Adolescence <sup>arteries</sup> begins at 20, or 21, the <sup>arteries</sup> cease to yield to the impetus of the heart - hence plethora - this is thrown on the lungs which are the weakest part of the external surface of the body, in which the Arteries terminate - hence







pains in the breast - frequent catarrhs,  
 or pneumonia - hemoptysis - Consump<sup>n</sup> -  
 - These diseases more certainly occur if the  
 patient has a hereditary, or accidental  
<sup>bad</sup> ~~total~~ conformation of the breast, or has been  
 exposed to an employment: <sup>ch</sup> ~~in~~ has done vic-  
 - tims to the ~~thorax~~, such as sitting long at  
 a writing desk - stooping at work, especially  
 the business of a  
 at shoemaking - or a taylor. -

& 40 to

4 ~~at~~ in manhood, or between 35, ~~and~~  
 or 40, or 45, (always including abt. 5 years)  
 that during the struggle which occurs be-  
 - tween the arterial & venous <sup>to</sup> plethora, there  
 are many diseases, according ~~to~~ the part of the  
 body on which the plethora is thrown. I  
 have seen the following diseases more frequently  
 during these years, than in any other  
 period of human life - viz: Head  
 Ach, - Diarrhoea - Dyspepsia - hemor-  
 - rhoids - Colic - & Uterine hemorrhages.



*[Faint, illegible handwriting in cursive script, likely bleed-through from the reverse side of the page.]*



They are at this period more obstinate  
 than at other times, & yield only to  
 long & constant exercise. Great caution  
 shd be used not to promise a cure of them  
 too soon - & great credit may be <sup>gained</sup> by  
 predicting a cure by time when the  
 struggle is over between the arteries  
 & veins, & victory decided in favor of  
 the latter. This victory is generally succeeded  
 by a long period of good health. The bills  
 of mortality at Breslau <sup>in Silesia</sup> show fewer  
 deaths between 40 & 57 than between  
 any other <sup>17 years of</sup> ~~period~~ human life. Besides the  
~~change~~ <sup>complete</sup> transition of plethora from the  
~~arteries~~ <sup>arteries</sup> to the veins, there are other reasons  
<sup>this good health.</sup>  
 for it - a man it is said is a fool who  
 is not his own physician at forty -  
 - hence he is more careful in his man-  
 - ner of living - His ~~former~~ constitution







now winches <sup>suddenly</sup> under every species of Violence  
 if is offered to it; Experience has taught  
 what Aliments are most wholesome, &  
 he adheres steadily to them - He becomes  
 now less ~~solicitous~~ <sup>false</sup> solicitous about the Opinions  
 of the world, & hence in his Dress - and in  
 the conveniences of his house, he prefers  
 ease - comfort & health, to Splendor, and  
 false taste. But further, - At 40 years  
 of age, the world has generally taught ~~and~~  
 & exhausted opened all its stores of pleasures - hence  
 the ~~passions~~ <sup>passions</sup> begin to act with less force  
 on the system - ~~Thus~~ & a man loves & hates  
 envies & admires, <sup>less ardor</sup> with much ~~ardor~~ <sup>less</sup>  
 than he did in the early part of life. The  
 period I have mentioned between 40 & 57 I believe  
 is not only distinguished by uncommon  
 degrees of good health, but of happiness  
 likewise. - This secret was communicated  
 to me near 20 years ago but the late  
 Dr. Thos. Bond, a man who never spoke







I speak but from Observation or feeling, & I believe it to be ~~strictly~~ true under certain  
~~I can truly say, I have lived to witness the~~  
~~circumstances.~~  
~~teneth of it.~~ - Be not <sup>unnecessarily</sup> ~~afraid~~ therefore gent<sup>l</sup>  
 at the rapidity with which time rolls you  
 of the years of your youth. After all that has  
 has been said of its pleasures, be assured there  
 is more solid happiness before you after you  
 entered the period that has been mentioned,  
 provided you employ your youth in such  
 a manner that <sup>fully</sup> ~~none~~ irregularity of life  
 shall call upon you after 40, for ~~satisfaction~~  
~~time or expiration~~ in a train of melancholy  
 by ~~the~~ reflections, ~~and~~ diseases, for satisfaction  
 or expiration.

I shall not call the facts I have  
 mentioned respecting the diseases which depend  
 upon the changes, or determination of  
 plethora - a digression - They belong to  
 our present subjects & you will find them  
 of great application in the study & practice  
 of physic. -



+ [This is nothing new in the system. <sup>we blame the</sup> most  
acute fevers of all kinds, where there is most  
Vigor in the constitution - The yellow  
fever of the ~~Indies~~ <sup>produces violent action</sup> ~~papers by~~ <sup>accidentally</sup>  
~~people~~ <sup>only in</sup> ~~the~~ <sup>people!</sup> ~~effects the~~ <sup>athletic</sup> ~~stomach~~.  
The Influenza <sup>is</sup> ~~was~~ felt most severely  
among <sup>those</sup> healthy people who were most  
robust from exercise & exposure to the  
Air, - as in the Long shore men - & Mr.  
Wallis's company of Surveyors.]



I return now to consider the causes of <sup>active</sup> Hemorrhage - ~~hazy~~ - for this only belongs to Pyrexia. -

Ⓐ The predisposing <sup>cause of all hemorrhage</sup> is evidently debility. - This debility occurs in every part of the body, but is greatest in <sup>its</sup> external surface - hence the ~~most~~ <sup>principal</sup> active hemorrhages are from the lungs & nose - for the membranes of the nose which is ruptured - belongs <sup>to the</sup> ~~external~~ <sup>external</sup> surface of the body. -

This debility produces <sup>congestion &</sup> excitability, and hence arises <sup>morbid</sup> ~~excess~~ <sup>from stimulus</sup> of action in the Arteries, and ~~con~~ effusion of blood in consequence of a rupture of a blood vessel. [The debility <sup>in the lungs</sup> is of the same nature as <sup>it</sup> occurs in pneumonia, but it is much greater - hence the action of the vessels is <sup>much</sup> less -] <sup>so much so,</sup> as not to give ~~a~~ a temporary tone to them, & hence instead of contracting by Spasm, from irritation, they effuse blood from their ~~great~~ <sup>great</sup> capacity. An hemoptysis then, - for may ~~like a~~ ~~hemorrhage~~ be called



(a) least alarming one - local depletion - Billy Drin:  
- her - many others.

+ Perhaps the following is a true scale of  
Inflamm<sup>n</sup> of the lungs, <sup>descending from</sup> pneumonia -

— vera 2 catarrh — 3 Catarrh. 4 Pneumonia  
from 285 cula 5 — cruenta. —

⊙ This effusion of blood is the first sign of the existing debility  
in the lungs. <sup>Often</sup> But in a debilitated state of the lungs it is more  
common for serum, or lymph only to be effused.

⊙ ~~where~~ This serum, or lymph is sometimes

discharged by coughing as fast as it is effused,

& particularly in the morning after its accum.

It is sometimes likewise absorbed by the lymphatics.  
— circulation during the night. When it is not

not absorbed by the lymphatics,  
discharged by coughing & expectoration, it stagnates  
in the cellular substances of the lungs, where

it forms one or more abscess, which when  
it breaks or ulcerates produces ~~for~~ one of the  
forms of pulmonary consumption? — Tubercles

I have proved from the exp<sup>t</sup> of Dr. Clark are

from the reflux & stagnation of the mucus  
of the bronchiae. They too are the effects of  
debility in the bronchial vessels. ~~where~~ In this







natural state they produce a dry husky cough,  
but ~~then~~ when they ulcerate, which they often  
do, they produce the same hectic symptoms as  
abscess, or another form of <sup>pulmon</sup> consumption? —

This is short recapit<sup>n</sup> of my theory of consumption? —

— you ~~you~~ see how widely I differ from Dr. Cullen  
& all his followers. I make his causes effects only  
of consumption. ~~where~~ The lungs are a hardy  
viscus. They prosper in adult life but little —

+ In extreme cold weather in 1790

I was called to three patients in a  
week with Haemoptysis.

— Insensibility, and when the whole body has  
not been previously debilitated, they <sup>bear without</sup> ~~resist~~  
safety contusions — wounds — <sup>hemorrhages —</sup> chest — <sup>impure air —</sup> flour —  
~~so gashes~~ and a hundred ~~injuries~~ irritants of a similar  
nature. But when the whole body is debilitated —  
and especially when this debility invades the blood  
vessels — they immediately sympathize with it —  
— hence the weakness <sup>& slowness</sup> of the voice — the difficulty  
of breathing in acute fevers — & the cough — spitting  
of all chronic fevers. go to p: 290 &



3 Every thing that quickens the circulation such as violent exercise - lifting weights - sudden & stimulating passions determining to particular parts - as joy to the lungs - anger to the brain - or the Ven. appetite to the uterus.

4 Exercise of particular parts of the body. as coughing - hallowing - or quick respiration, from the lungs - hanging down of the head, or intense study from <sup>the</sup> nose.

5 Cold applied to one part of the body, determining to the another. E.g. cold feet, to the lungs. 6 <sup>great</sup> heat or great pressure from too much clothing.

7 ~~D~~ Determination to certain vessels and? habitual by habit. 8 Animal magnetism.

[To illustrate still further, the proximate cause which has been given, I shall read from Dr. Cullen <sup>on</sup> his acc<sup>t</sup> of the symptoms of active hemorrhage. p. 259. Vol. 2]

It is peculiar to hemorrhage to return after one begins from accumulation of plethora & habit.



V This should be accommodated  
as in other states of fever to the state  
of the pulse, and the condition of the  
System.



general remedies for hemorrhage.

Is it a salutary discharge,  
~~Is any dependence~~ Is any dependence  
 to be placed on nature? ~~It is not~~ in no  
 diseases is nature to be trusted less than in  
 this - Nor is it necessary even in fevers w:  
 affect the brain. V.S. is much better because  
 the time of drawing the blood, & the quantity  
 can be much better limited & ascertained.

The remedies sh<sup>d</sup> be in <sup>of great morbid action</sup> ~~these~~ hemorrhages,  
 1 Bleeding - In spite of all Dr Brown has said  
 against it. All the Arg<sup>s</sup> in favor of V.S. in  
 inflamm<sup>y</sup> diseases apply here tho in an inferior  
 degree - for there is ~~no~~ as certainly excess  
of action in one case, as in the other, &  
 I may add, ~~that is~~ contrary to Dr B: that  
 debility is as certainly <sup>the</sup> predisposing cause  
 of inflamm<sup>n</sup> as of hemorrhage. See.

2 Cold - either in Air or in water, the  
 efficacy of this remedy, proves the truth of



✓ The Atonic Hemorrhages require  
1 Opium. 2 ~~Saline~~ Bark. 3  
Alum - ~~for~~ Steel & Crocus - 4  
the Cold Bath. 5 Exercise. — .

The Remedies for the effusion of blood  
without morbid Action ~~the~~ described by Dr  
Ott, should be tonics - particularly C Per.



287  
more inflamed.  
our proximate cause - viz: cause of action.  
what are

3 lenient purges. 4 Sedative medicines espe-  
-cially Alum & nitre. - After ~~cause of action~~ <sup>of action</sup> <sup>violence</sup>  
or where it is present in a small degree  
- we are introduced medicines which overcome  
or not all in the bleeding vessels  
debility - ~~potentially~~ either by acting on  
weak action the whole system, or the ~~affected~~ <sup>bleeding</sup> part sh?

be given, - these are opium - Blisters - &  
common salt. <sup>or ligatures.</sup> ~~These~~ These remedies  
are proper during the existence of the hemor-  
-rhage. To prevent the return of it - exercise  
by ~~gustation~~ <sup>gustation</sup> & a diet which produces little  
blood are proper. The exercise sh be gustation,  
& the diet - milk & vegetables. We shall  
now proceed to apply these remedies to parti-  
-cular hemorrhages. \*

### Hemoptysis

" Redness of the Cheeks, a sense of heaviness  
or pain & sometimes heat in the breast -  
Dyspnea - tickling in the fauces - small cough



# This debility is acute & chronic.

The acute not dangerous - many  
people subject to it all their lives -  
The chronic always tends to consump-  
-tion.

# The ~~king of~~ Parpsia - arises from  
temporary & debility - from blows falls  
&c.



with a discharge of florid blood". —

1 Distinguished from hemorrhage of the  
 fœces called "hemorrhoids of the lungs" by Mor-  
 -gagni - by no cough - but hawking only -  
 no symptoms of pyrexia as mentioned in  
 the definition - & by being visible. - See  
 Vanswieten - Often distils from the nose, &

2 From Vomiting <sup>or</sup> often accompanied  
 it by <sup>& fluid</sup> florid color of the blood - in Vomiting  
 is black & grumous, - moreover the  
 latter more seldom recurs than former,  
 & has few, or none of the symptoms of  
 definition. —

~~The predisposing causes of this disease is~~  
~~evidently debility. The remote causes are~~  
~~the same as Consumption & these~~  
~~are all of a debilitating nature. —~~

~~The lungs partake of this debility~~  
~~in a peculiar manner - hence it occurs~~



It is remarkable it  
# It <sup>is</sup> seldom occurs during the time  
of speaking, but a day or two af-  
-terwards. This was the case with the  
Rev Mr Winchester who died of this dis-  
-ease. <sup>I know it occurs in</sup>  
~~some~~ In one gent<sup>l</sup> a month  
after ~~to~~ speaking in public. see below #

✓ I have known it twice prove suddenly  
fatal. in Col. Atlee preceded by a hoarseness.  
& in Bryan in the Secretary's office - preceded  
by cough - but little blood discharged in the latter  
case. - ~~death probably from fear - he was~~  
~~confriskman~~ The lungs were congested w:  
it. <sup>was congestion of blood.</sup> -

# Quakers & Quakers (Brisot says)  
most subject to Consumpt<sup>n</sup>. Perhaps  
because they don't use y<sup>e</sup> lungs in singing.  
We were made as much to sing as to speak.  
go back to p284. ©







particularly  
+ all exciting causes should be avoided  
The <sup>great heat - cold - reading aloud</sup> ~~imitation of meat~~ should be avoided.  
singing - laughing - or lifting weights -  
2<sup>d</sup> Gilchrist tells us of a hot night haying  
in Scotland.  
produced it upon 3 persons at ~~one time~~ <sup>the</sup> same time.  
I met with 3 from severe cold of the winter of  
1790 in the course of a week - singing was one -  
laughing was another - lifting weights - Dan Jones -

+ In these such cases, the hemorrhage is  
often suddenly fatal - as in Col: Atter's case,  
& in many others. Occurs in Col: Atter  
after a long hemorrhage from congestion of  
blood or matter most probably.

V When it occurs in an adynamic form  
of Consumpt<sup>n</sup>: it is not only safe, but  
useful - for Dr Brown says Drinking  
Brine at the Salt Works in Kentucke  
has ~~now~~ cured several Consumpt<sup>n</sup>:  
- I know salt in meat from expe-  
rience to be useful.



the cure of the 3<sup>rd</sup> <sup>state</sup> ~~stages~~ of consumption?  
especially Uniform & temperate climate -  
- long journeys, - <sup>under all the circumstances formerly men-</sup> liberal diet. Res?  
Dr Smith's case - drinks porter instead of  
tea every afternoon - & Capt Linn's case,  
mentioned formerly. <sup>where exercise not used,</sup>  
this disease apt to recur - Prescribed by V.S. as found <sup>Dr Bond.</sup>  
Bark proper in this stage of hemoptysis?  
yes - I have ~~used~~ used it to advantage  
after previous evacuations & low diet. <sup>the use of this medicine</sup>  
I had the authority of Sir Hanser <sup>who</sup> ~~have~~ <sup>the</sup>  
who used it first for an hemoptysis w.  
success. He afterwards <sup>took</sup> ~~was taking~~ & recovered  
~~presented a return of it 45 years~~  
<sup>lived to be 96, & died</sup>  
He died at 96, in the full enjoyment of  
all his mental faculties. The difference  
of opinion respecting the safety of Bark  
<sup>has</sup> ~~has~~ arisen only from the <sup>different</sup> ~~two~~  
~~states~~ states of the <sup>case</sup> ~~system~~ in which  
it has been used. In <sup>highly</sup> ~~these~~ <sup>active</sup> states is  
<sup>(a) large</sup> ~~improper~~ <sup>preparation</sup> of ~~water~~ <sup>secret</sup> ~~of water~~ <sup>ful</sup>. [Dr Linn  
state of the pulse, it is certainly improper.]



✓ ~~(1)~~ It is remarkable that many people have lived to a great age who have been afflicted with this disorder <sup>case.</sup>

The King of Persia who died at 75 had

it during the seven years war - Dr Denon formerly of Bristol now near 90 was often afflicted with it in early life - ~~He was a~~ ~~man of~~ ~~the~~ ~~de~~ - In these people it is from acute causes in <sup>ch</sup> ~~the~~ ~~cases~~ there is no <sup>little</sup> ~~more~~ danger than

from a bleeding from the nose. It was a local - not the effect of general debility.

~~The~~ ~~vicaria~~ ~~of this kind~~ - That form of the disease <sup>ch</sup> Dr Cullen calls Vicaria is generally ~~at~~ without much danger. It is cured by restoring the bleeding piles & menses.

~~The~~ phthisis of Dr Cullen - or that form which follows or attends Abscess or tubercles in the lungs is generally fatal.



✓ has given <sup>five</sup> ~~Epistaxis~~ Species of this disease.  
 If the principles laid down are understood  
 they may easily be applied to each of y<sup>m</sup>.

The 1 plethorica - is the one we have  
 described. The 2 Violenta - seldom requires  
 any ~~of the~~ <sup>other</sup> remedies ~~of this Indication~~ but  
 rest - and low diet. I have often seen it,  
 without ending in Consump<sup>n</sup>. & why?

Because no general or predisposing  
 debility. The 3 phthisica <sup>maybe</sup> is palliated by  
 the remedies mentioned - but is seldom  
 cured. - The 4<sup>th</sup> Calculosa - seldom cured.

The 5<sup>th</sup> Vicaria - occurs chiefly in women  
 & in persons subject to piles. Not so often  
 fatal as the first. (a) +

[I shall conclude by <sup>inquiring whether</sup> ~~repeating~~  
 common salt from the manner of its  
 operation does not promise as much benefit  
 in that debility of the lungs <sup>as</sup> occurs in  
 Consump<sup>n</sup> as well <sup>as it has afforded in</sup> Hemoptysis? I think



v It is spontaneous frequently - but often  
brought on by falls - blows - picking the nose -  
& by sudden anger. The last induced it in  
one case in Mr Bruce in his travels. -

I have known it twice fatal  
in the Autumn. In both cases it  
appeared to be a malignant state  
of fever. The pulse unsubdued to  
the last. Whipple's boy & D Campbell  
patient - the last had prothick.



299 - Without effect  
have once tried it, but it was in a desperate  
case. I think it merits a repetition of the  
experiment in more favourable cases. These  
should be in the beginning of the disorder,  
before tubercles are formed. —

Epistaxis - or bleeding at the nose.  
" A pain or heaviness of the head, redness  
of the face with a flowing of blood from the  
nostrils" —

It is generally an arterial hemorrhage,  
& occurs chiefly in young persons - now  
& then in old people from venous plethora  
which occurs in their brain. — I reject ~~these~~

~~the~~ The remedies are

- 1 Bleeding - if whole system is bro't into  
sympathy. 3 leucine purges. — 2 Rest  
in a sitting or half prone recumbent posture.  
into Polly case
- 4 Cold applications - to the neck, or scrotum.
- 5 Ligatures.
- 6 Plugs. Flow used —

To obviate the return of this disease —



✓ Hemorrhagia Uterina - Remedies -  
as for other hemorrhages - also Rest -  
cold applications - flours. Blister to the  
groin ~~above~~ <sup>above</sup> ~~the~~ <sup>the</sup> ~~thighs~~ <sup>thighs</sup> - ~~Carriage~~ <sup>Carriage</sup> prevented  
by occasional V.S. in pregnancy & when the  
menstruation ~~can~~ <sup>can</sup> not diminish - gentle  
exercise - in the atonic state - by Bark -  
in port wine

+ The Hematemesis - is of the same kind.

" a sense of fulness, & oppression with sickness,  
succeeded by a Vomiting of <sup>black</sup> greenish blood."  
This blood black from stagnation. Not Atrabilis.  
remote causes.

1 Acid Substances 2 Violent operation of a puke -  
3 Concussion. Mr Doz's case - 4 great debility &  
~~relaxation of the stomach~~ <sup>hard</sup> drinking 5 Obstruction of  
the menses - hence more common in women  
than men. 6 D. of bleeding piles 7 D. in liver & spleen.  
cure 2 cold. Mr Doz's case

1 If pulse is full or tense V.S. - But I have  
also given of cold water.

generally found it weak & quick. Engorged

3 ~~Cassia~~ Lig. land: - <sup>and</sup> ~~all~~ <sup>all</sup> the  
veg. metallic astringents -  
Turpentine. Is Corn: Salt proper?

Succeeded once in Mr Doz's case. Disease apt to  
return. & often fatal.



The remedies are 1 Low diet. 2 a loose belly.  
 3 moderate exercise as to avoid plethora - &  
 avoiding tight ligatures especially round the  
 neck - also much sleeping - intense study -  
 & blowing the nose - 5 Blisters & cups.

Is common Salt proper here? yes ✓

These finish the hemorrhages from the  
 of action - the hemorrhagia Uterina - ali.  
 mixed nature - partly arterial & partly  
 venous - so much connected <sup>th</sup> in certain parts  
 & laws in the female Economy that <sup>it will</sup> they come  
 in better under female diseases. We shall  
 now add a few words on the hemorrhages  
 which arise from <sup>Defect</sup> ~~escape~~ of action, & here I shall  
 bring in the sanguifluxus under the order  
 of Apoceneses. - They are no proper hemorrhages  
 as venous fever where there is ~~to be~~ heat  
 or no heat is under the head of lyxia.

Hæmorrhæmia involuntaria of blood.

They are - Hæmorrhæmia cuncta Hæmorrhæmia



## Hæmorrhæ

From ~~Hard Riding~~ 2 calculi. 3 Ven Disease.

Cure. as other hæmorrhages. also common  
Sally - ~~to~~ Dr Trautman's comment<sup>n</sup>.

+ Sometimes from hard riding - or ~~anastomosis~~ ~~anastomoses~~ <sup>anastomosis</sup> of vessel of

<sup>e.</sup>  
<sup>in</sup> or putrid fever, or anastomosis of vessel of  
the rectum which produces <sup>e</sup> disease upon  
a rupture of the piles. - In this case ~~more~~

~~anastomosis~~ of vessels & bow. chit. proper. See

Cullen. V The Piles very common in Astrakhan,  
but they exempt from it & <sup>ch</sup> are more common  
Shing Vol: 2. 10/21

## Melina

Blood profuse & dark coloured, or mixed  
Dangerous - & often <sup>more of blood</sup> fatal. - Remedies  
with green bile. -

The same as in other ~~papier~~ hæmorrhages.

## Hæmorrhage from Bowels

Blood red, but mixed with mucus.

at. Vol: - Opium - Injections of  
old water, or Vegetable Astringent



Cystitis - & haemorrhagia e vesicis.

## Bleeding piles.

1 Lard: 2 tonic and astring<sup>2</sup> glysters, & <sup>made of Sp<sup>t</sup> Turpentine</sup>  
in blind piles oily glysters -  
3 Bark. 4 ~~Sassa~~ - Cordial ~~to~~ Diet &  
Drinks. esp<sup>y</sup> port wine, & 5 exercise!

~~Haem~~ Bloody Urine - from the  
kidneys & bladder - occurs from calculi.  
~~is generally profuse, or accomp<sup>d</sup> by debility.~~

Cure Lig. Cutis: ~~It is a remedy for Calculi.~~  
also Comagondalt - D<sup>r</sup> Martin's fact.  
~~Haemorrhagy from wounds.~~

1 Cold - Benefits of it after a battle - in the  
wounded deer fly to a spring of cold  
Plaster's case. 2 Dry applications of lint - also  
water to stop blood.  
or flour. Liquids to be avoided. 3 Compression.  
often succeeds in large vessels. used for three  
days in D<sup>r</sup> Dill's case. The worst kind from  
drawing a tooth - a cork used w<sup>th</sup> success by  
D<sup>r</sup> Griffiths of New Jersey. The history of D<sup>r</sup> Dill  
& two other families.



## From the Uterus

In pregnancy V.S. is rep<sup>d</sup> every 2 or 3 weeks. Laid down. floor - supine position for several days. Avoiding exerting causes - as climbing stairs. high Carriage Steps - Dancing - foot stoves - and unusual connections.

## Hæmorrhage from the skin.

Occurs in Malignant fever - is induced great Agony of mind. It is said there grows a root at the Natches which is so powerful a stimulus as to induce it.



## The Gout

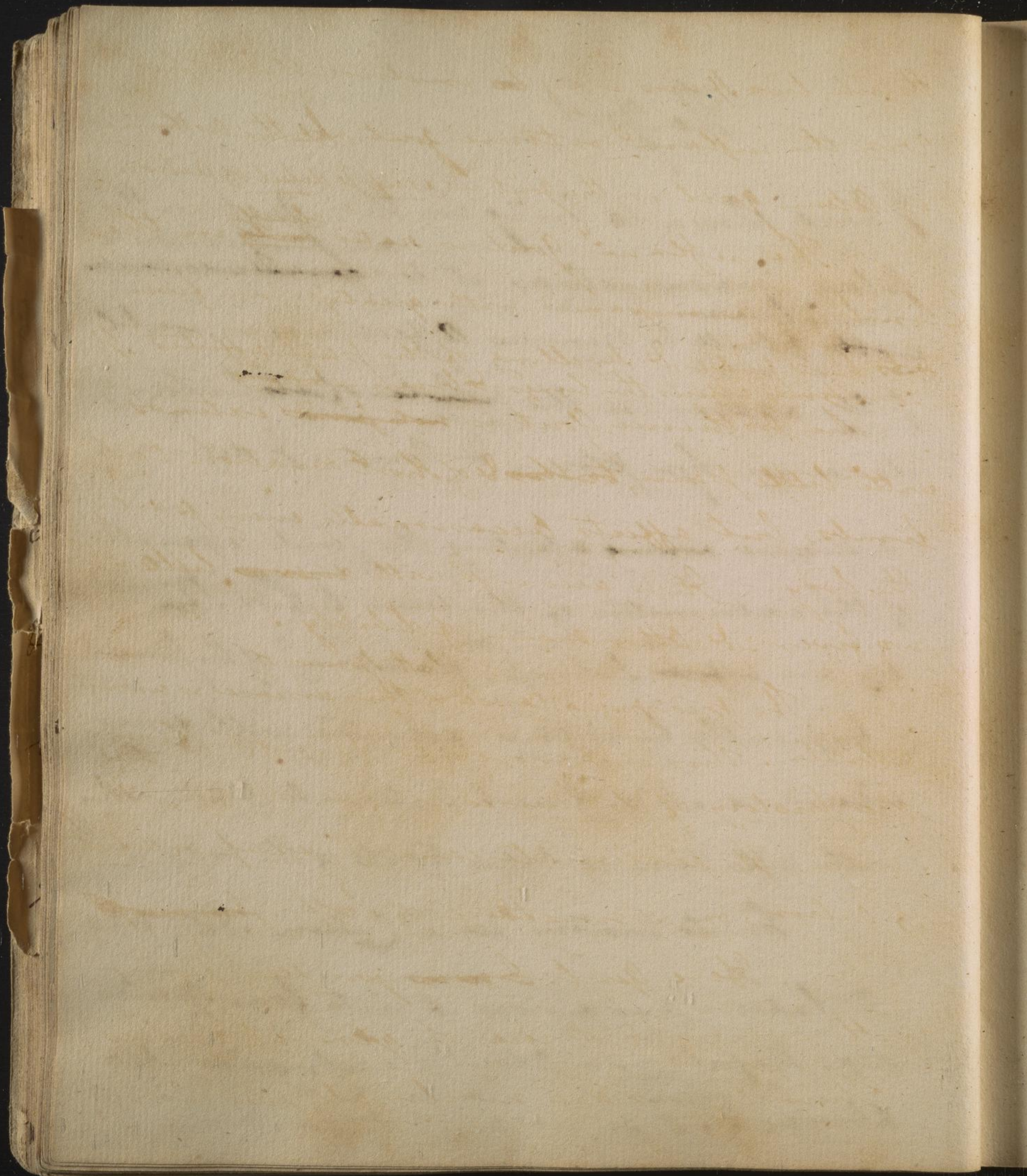
I have chosen to bring in the Gout in this place inasmuch as it is <sup>an intermediate</sup> ~~equally connected~~ disease between ~~with~~ febrile & nervous Affections, as will fully appear in the ~~rest~~ <sup>rest</sup> of its history of its causes, symptoms & Cure. I define it

"a disease arising affecting the joints, especially of the extremities of the lower limbs - <sup>preceded</sup> ~~for~~ by an affected <sup>or</sup> ~~liver~~ <sup>liver</sup>, flatulency of the stomach, - frequently hereditary - attended with fever, returning at different intervals, & alternating with affections of other parts of the body. -

For its history see Dr Cullen. Vol: 2. p 59

Dr Cullen has divided it into four species viz: Regularis - Acronica - retrograda - & humana. I see no necessity for this - I







think two species may ~~be~~ include the whole.  
 viz: the inflamm<sup>y</sup> or tonic gout, & the asthenic  
 or atonic gout, or the gout w: excess & defect of action

The inflamm<sup>y</sup> gout is seated <sup>chiefly</sup> ~~only~~ in the  
 limbs - is accompanied with great pain - fever,  
 & ~~to~~ hard pulse, & swelling of the part affected. It  
 sometimes affects the lungs & brain - ~~& other parts~~

The asthenic Gout is ~~not found~~ extends  
 with little pain, ~~to the~~ & of short duration to the  
 limbs, but affects occasionally every part of  
 the body. - It is accomp<sup>d</sup> with ~~disorder~~ little or  
 no fever - & other marks of debility. -

Both species of

The predisposing cause of this disease is evidently  
 debility. This will more fully hereafter from  
 the history of its causes. —

Its proximate cause is excess or defect  
 of action, or a mixture of both. ~~This except~~

Here Gout: ~~I now~~ you see I carry  
 with me my first idea of general diseases.  
 - Their causes are nearly all similar,



+ system primarily & chiefly, while the  
Gout affects both the arterial, & the nervous  
systems. The <sup>chiefly</sup> inflamm<sup>y</sup> Gout affects the  
former, - the Asthenic Gout appears chiefly  
in the nervous system. The resemblance of  
these diseases appears in <sup>the one</sup> ~~them~~ affecting the Officers,  
& the other the Soldiers of an Army. These two  
diseases are generally the taxes imposed upon  
the honors acquired by war. <sup>old</sup> Soldiers ~~who~~ are  
generally affected w<sup>th</sup> Rheumatism, while  
Officers from being exposed to ~~more~~ <sup>fewer</sup> of the  
causes pass the evening in their lives <sup>in</sup> ~~under~~  
~~the~~ repeated fits of the Gout. Rheumatism &  
Gout alike produce chalky effusions - stiff-  
deformed & dislocated joints. - The Gout



& their appearances or symptoms vary only with the <sup>degree of these causes or</sup> difference of constitution on which they operate. —

A Rheumatism is nothing but a Gout <sup>debilitated by fatigue - & cold only,</sup> upon a vigorous Constitution, & a Gout is nothing but a Rheumatism upon a constitution debilitated by ~~fatigue~~ <sup>indirectly</sup> - cold - intemperance - ~~indolence~~ <sup>indolence</sup> - & ~~stimulating~~ <sup>indirectly</sup> passions of the mind. — From the <sup>directly & indirectly debilitating</sup> greater debility which predisposes to it - it affects the internal ~~body~~, while the Rheumatism affects only the external parts of the body. — The Rheumatism affects the arterial system. — I shall have occasion to repeat the application of this principle the further we proceed in treating of general diseases. —

The Gout affects men of a choleric - <sup>sar-</sup>gine temperament - seldom before 35 unless they are predisposed to it by hereditary diathesis. In this case it occurs at 16. 18, & I once heard of it in a child of 9 years of age. — It affects



affects different systems primarily, or  
in a secondary manner, according to the  
temperament of the patient. — In the  
sanguine it appears first in the Arteries,  
in the nervous, in the <sup>brain &</sup> nervous system,  
and in the bilious in the liver & bowels,  
& in the phlegmatic in dropsy. —  
The Gout changes its mode & place of  
Attack with the varying state of these  
systems in different periods of life —  
seasons & countries. —



Men of ~~active minds~~ <sup>Genius</sup>, more than weak men.  
 The reason of this is obvious. Genius is, <sup>not only</sup> connected  
 with Sensibility of body, but ~~with~~ generally with  
 strong passions, and an active Understanding both  
 of which add ~~to the~~ by their Stimuli to the other  
 stimulating Causes which produce it. ~~The Gout~~  
~~is never~~ Dr Sydenham mentions it as a Con-  
 -voluting Circumstance ~~that~~ under his frequent  
 & painful Attacks of this disease that it was  
 peculiar to philosophers, & <sup>& great men</sup> that fools were  
 Strangers to it. To this remark I have known  
 some exceptions, ~~but it was~~ I have known weak  
 Men afflicted with the Gout - but these men  
 were descended from ~~a~~ sensible Ancestors who  
 had transmitted a gouty diathesis to them. It  
 seldom affects women, except they are descended  
 from gouty parents.

There are several Circumstances  
<sup>th</sup> in respect to its descent <sup>wh</sup> deserve to be mentioned.  
 It sometimes passes by children of the first,



*[Faint, illegible handwriting in cursive script, likely a historical document or letter.]*



& affects children of the second generation. Dr. Blackmore on this account compares it to a river in Africa which ~~disap~~ rises in one Kingdom, disappears under ground in a second, & rises in a third. —

It sometimes affects only <sup>part of the</sup> ~~one~~ child: <sup>or</sup> a family, — & particularly those which are born after the appearance of the gout in a <sup>father.</sup> family.

It sometimes affects a whole family. A Mr. <sup>a young man of 21</sup> Ralph — the son of an English gentleman who was afflicted with the gout, came to this city about 70 years ago, and married a young woman by whom he had one child — a daughter. His wife dying 3 weeks after the birth of this child, he returned to England, where he married a 2<sup>nd</sup> wife by whom he had six children — all of whom died of the gout, & all except one before they arrived at the usual age of matrimony in England. One of them died at 19 — the



in study or business - &  
+ of the Understanding, ~~or~~ of the passions in  
~~study~~ ~~or~~ pleasure - except in evening night  
watching. - The use of wine & spirituous liquors  
seems to be most essential to the production of the  
~~The existing cause~~ Gout - hence it is  
unknown in China & Turkey; where custom  
or religion forbid the use of wine & spirits. -

# Dr Brown says he could at any time bring a  
fitt of the Gout on himself by a dose of  
Salts. - & was cured by Acids. -



Olter at 16 years of his age. The father &  
 grand father both followed them with the  
 same disease. The child whom he left in this  
 city passed her life subject to frequent & severe  
 fits of the Gout, & finally died with it un-  
 -der my care about <sup>1789</sup> 2 years ago in the 67<sup>th</sup>  
 or 68<sup>th</sup> year of her age. — She had left several  
 grown children behind her — One of whom a  
 Daughter has had several violent attacks of  
 arthritic Gout. —

The ~~remote or occasional~~ causes of the Gout  
 are such things as induce direct or indirect  
 are properly divided by De ~~fallen into two kinds.~~  
 Deligibility. —  
 1. Those which induce plethoric & those which produce  
 debility in plethoric habits. — They

These are intemperance in eating animal  
 food — ~~is~~ a sedentary life — & the <sup>habitual</sup> use of <sup>strong</sup> ferment-  
 -ed liquors — & the violent & constant exercise +

The ~~other~~ exciting causes are  
 The ~~excess~~ <sup>excessive</sup> application to study or  
 Business — <sup>violent & sedative passions</sup> such as <sup>prolonging</sup> & <sup>the</sup>  
 excessive evacuations — &c. often brings it



+ Claret - punch - & Cyder often bring it on in  
one night. -

+ This the case in Gen<sup>l</sup> Peril. -

# or in a swelling of the lower limbs called  
the dumb gout.

\* It affects the kidneys in a peculiar man-  
-ner - often producing Gravel, & Ischuria.  
Perhaps a disposition to the Gout fixing  
here may be produced by the patients lying  
so long upon his back. -

It alternated with intermit<sup>t</sup> fever  
in Jane Penrose. It <sup>It agrees with other fevers - see</sup> produced in flam<sup>a</sup>.  
Distoll & Vignea - is hectic in some cases. -  
It lies on the leg in Mr Rand - and on  
the thigh in myself. - & Burns in —. It  
produces Rheumatism in head & breast & stomach. -  
also true Arthritis - as in Mrs Provost.



on when used repeatedly in other diseases, also  
~~parts~~ - night watching - The ceasing of usual  
 caution on labor of mind or body - <sup>fatigue</sup> Sudden change from a  
 full to a low diet - acid diet, or drinks - ~~but~~ <sup>the</sup>  
 application of cold to the body - & especially to the  
 extremities - a sprain or wound of the ankle,  
 or lower limbs - & lastly a sudden fright -

The ~~toxic~~ inflam<sup>y</sup> gout is seated chiefly  
 in the joints, but there are cases of its occurring  
 in the lungs producing pneumonia notha - in the  
 throat - ~~the throat~~ <sup>throat</sup> covered with slough in  
 bladder kidneys & perhaps the brain. It is certain  
<sup>Mr Benger</sup> in the apoplexy from the gout there is often great  
 exasp of action so as make it necessary. Take  
 Notice y<sup>t</sup> in all the cases of inflam<sup>y</sup> gout the exasp  
 of action is generally moderate - It seldom rises  
 beyond typhoid inflam<sup>n</sup> -

The Asthenic Gout appears in every part  
 of the body. It sometimes appears in shooting pains  
 in the great toe - ankles & knees. <sup>+</sup> It affects the  
~~muscles~~ Stomach with nausea - dyspepsia - flatulency



+ This species of Dysentery is very common in Virginia. Gen<sup>l</sup> Harrison & many other principal people have died with it. Continues for several years.

\* It affects the liver with obstruction - & the gall bladder with a preternatural secretion, and excretion of bile - hence the origin of bilious ~~dis~~ complaints as a chronic disease. -

Mr Mitchell's eyes were so much affected in the Gout as that he could not endure the light of a fire in his room in the extreme cold weather of Feb<sup>r</sup> 1789.

+ It affects the glands of the urethra producing there a true gonorrhoea benigna. A case of this kind was communicated to Dr Jones, by the late Mr Pott - of London. I have seen one of the same kind in Mrs \_\_\_\_\_ in Market Street. A case of it in Litch<sup>l</sup> physical effects. - It produced Priapism & Chordee in Mr M<sup>r</sup> Dyer also in Alex<sup>r</sup> Allaire who has had Gout 35 years.



- Vomiting - & Spasm called Gastrodynia. -

It affects the bowels with Colic, & Diarrhea.

Most of the obstinate Diarrheas we meet with in persons who have <sup>had or who have</sup> merited the Gout, are I believe of Symptoms of Arthritic Gout!

- ~~They~~ It affects the lungs, producing <sup>Arthritic</sup> pneumonia - & various species of Dyspnea -

It affects the throat with Angina, the salivary glands <sup>the</sup> in a discharge of saliva, headach Delirium,

It affects the Brain with Vertigo - palsy - and - it produced Saturation in Maj<sup>r</sup> Butler - Apoplexy. - It affects the orbit of the eye with

constant pain - sometimes producing effusion of red blood in the eyes - & even total blindness.

It affects the external muscles of the

head - neck - back & breast. In the last it produces Angina pectoris. See Dr McQueen Med. Journal.

I have once known it affect the breasts of a lady <sup>with swelling & hardness</sup> every fall, at the time <sup>in</sup> which in former

years she had been afflicted with the Gout in

her Stomach & gall bladder. - It sometimes produces

Scrophula. <sup>(vol. 1, p. 181)</sup> It affects the kidneys neck of the bladder

producing Catarrhus Vesicae, or Spasm. - †



+ The effusions which take place in consequence  
of pain in particular parts, stagnate from  
a defect in the Absorbents, & produce in the joints,  
<sup>ankles</sup>  
of the toes - knuckles - wrists - & elbows certain  
<sup>concretions</sup>  
chalky concretions - These sometimes lacernate  
& protrude thro' the skin, & often furnish a patient  
with the means of numbering <sup>on an adjoining wall</sup> the days, or years  
of his confinement & misery. They occur  
also in the lymphatics. -

Sometimes the disease affects the ligaments  
& tendons, as well as muscles of the joints twisting  
them in such a manner, as to alter the shape of  
the feet legs - fingers - & hands - and thereby to  
produce deformity & lameness. produce dislocation.

It belongs to the history of the Gout to add,  
that under all the circumstances of pain -  
confinement - & deformity that have been  
mentioned, Gouty patients enjoy cheerfulness  
of temper - easiness of all the intellectual  
powers - & an exquisite relish for all the pleasures  
of Sense & Society. -



It affects the rectum producing the piles. -

It affects even the <sup>external</sup> cartilaginous parts of the body - <sup>particularly</sup> the ears. +

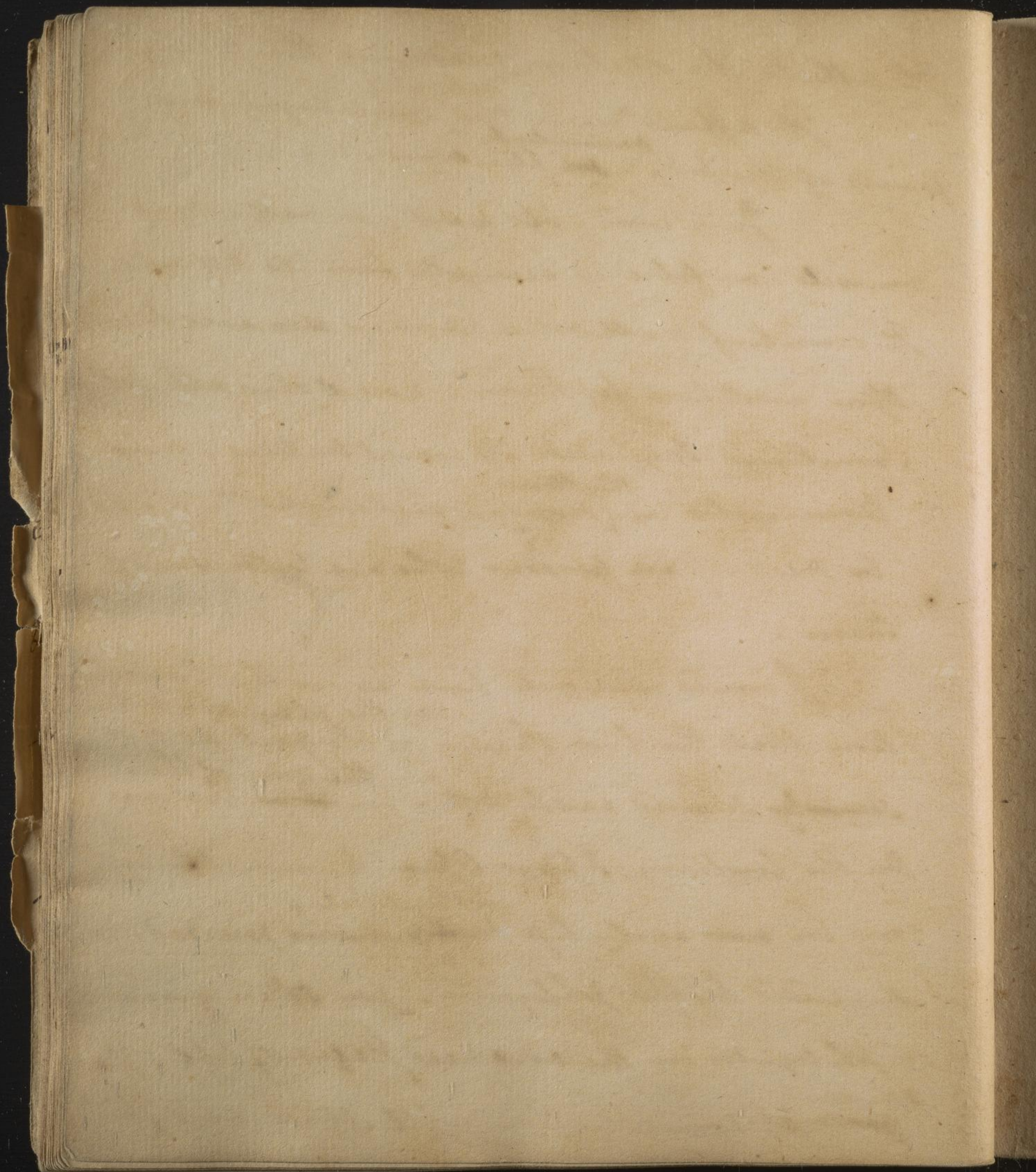
In a word - No part - or rather no muscle, or fibre is exempted from its attacks.

It counterfits all other chronic diseases, & is often mistaken for them. nor is this all, it sometimes lays aside its usual nature, and terminates in <sup>the stone</sup> Dropsy - melancholly - and to madness in persons who are predisposed to them.

I would remark here as in the Consump-  
-tion, <sup>viz: the phlogistic & Asthmatic</sup> that the two species of the gout do not <sup>the order of their</sup> steadily succeed each other in ~~their~~ violence.

On the contrary, I have often known the Asthma <sup>without being</sup> ~~in~~ in ~~very~~ early life ~~to be~~ <sup>preceeded</sup>, or succeeded by the phlogistic. we often moreover see phlogistic in the advanced stages of life. The <sup>same</sup> ~~same~~ constitution will often at differ-







4.



